

Converting Colors

YUV(234.4150, 7.1904,
-19.6580)

Have a look what the booklet for
YUV(234.4150, 7.1904, -19.6580)
contains.

YUV(234.4150, 7.1904, -19.6580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(234.4150, 7.1904,
-19.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F3F9
RGB	212, 243, 249
RGB Percent	83%, 95%, 98%
CMY	0.1686, 0.0471, 0.0235
CMYK	0.15, 0.02, 0.00, 0.02
HSL	190°, 76%, 90%
HSV	190°, 15%, 98%
XYZ	76.3009, 84.9378, 101.9957
YIQ	234.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

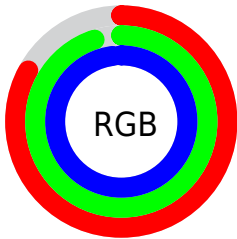
Format	Color
R _Y B	212, 229, 249
Decimal	13956089
CIE Lab	93.86, -8.82, -6.28
CIE LCh	94, 10.833, 215.452
Yxy	84.9378, 0.2899, 0.3227
Android (android.graphics.Color)	4292146169 (0xFFD4F3F9)
YUV	234.4150, 7.1904, -19.6580
Hunter-Lab	92.1617, -13.5025, -1.1033

Details

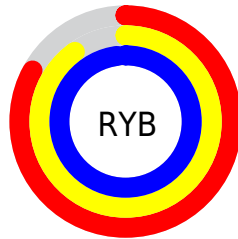
The YUV color $234.4150, 7.1904, -19.6580$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.5850, -7.1904, 19.6580$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.7140, 7.0430, -19.0432$ is the 20% darker color. If you saturate the color by 10%, you get $224.5920, 12.0331, -32.9682$, and if you desaturate by 10%, it is $244.2380, 2.3477, -6.3477$.

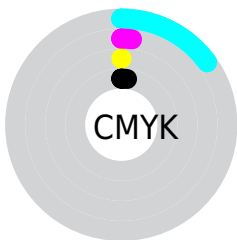
Distribution



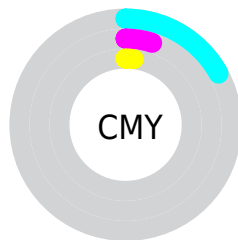
- Red (83%)
- Green (95%)
- Blue (98%)



- Red (83%)
- Yellow (90%)
- Blue (98%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.4150, 7.1904, -19.6580 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 234.4150, 7.1904, -19.6580 by changing the saturation by 10% instead.

■ 234.4150, 7.1904,
-19.6580

■ 234.4150, 7.1904,
-19.6580

255.0000, 0.0000,
0.0000

■ 206.3010, 6.7536,
-19.5580

■ 178.7140, 7.0430,
-19.0432

■ 151.8990, 6.4588,
-18.3284

■ 125.8990, 6.4588,
-18.3284

■ 100.3120, 6.7482,
-17.8136

■ 76.4970, 6.1640,
-17.0989

■ 53.4970, 6.1640,

-17.0989

■ 30.8990, 6.4588,
-18.3284

■ 13.7750, 4.5479,
-12.0807

■ 234.4150, 7.1904,
-19.6580

■ 234.4150, 7.1904,
-19.6580

■ 224.5920, 12.0331,
-32.9682

■ 244.2380, 2.3477,
-6.3477

■ 214.7690, 16.8759,
-46.2784

■ 251.9680, -1.4632,
2.6591

■ 204.9460, 21.7186,
-59.5886

■ 254.3160, -2.6208,
0.5999

■ 195.1230, 26.5614,
-72.8989

■ 185.5990, 31.2567,
-85.5943

■ 175.7760, 36.0994,
-98.9046

■ 165.9530, 40.9422,
-112.2148

■ 156.1300, 45.7849,
-125.5250

■ 151.0690, 48.2800,
-132.4875

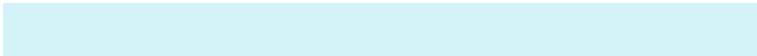
Harmonies

Analogous

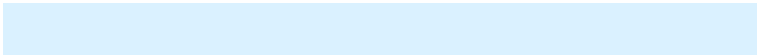
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.1610, 2.3856, -18.5582



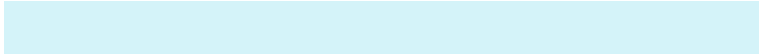
234.4150, 7.1904, -19.6580



235.7190, 9.5055, -15.5396

Triad

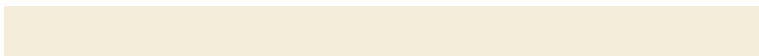
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.4150, 7.1904, -19.6580



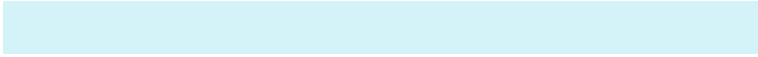
239.2880, 3.3090, 12.0254



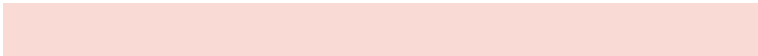
236.8130, -9.7678, 6.3030

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



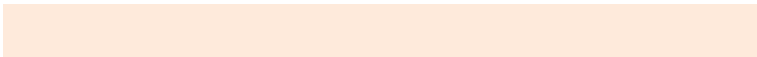
234.4150, 7.1904, -19.6580



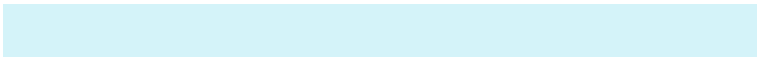
226.5850, -7.1904, 19.6580

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.2700, -9.5001, 13.7952



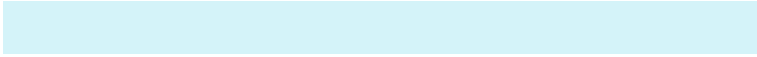
234.4150, 7.1904, -19.6580



238.1590, -1.0644, 14.7696

Square

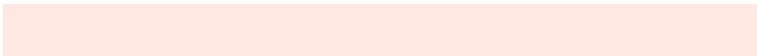
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.4150, 7.1904, -19.6580



238.6720, 7.5567, 2.9187



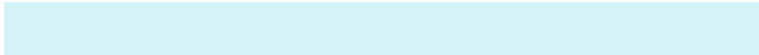
237.6060, -5.7218, 15.2545



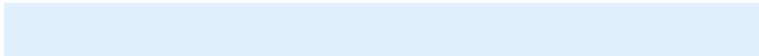
235.3280, -7.5567, -2.9187

Rectangle

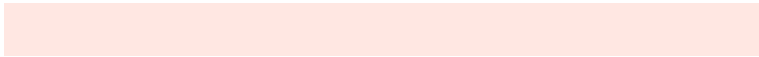
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.4150, 7.1904, -19.6580



236.6380, 9.0525, -10.2065



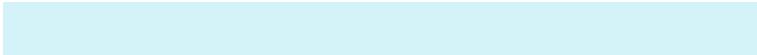
237.6060, -5.7218, 15.2545



237.4220, -10.0680, 9.2769

Sweetspot

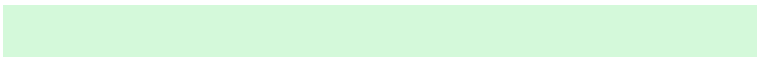
The Sweet Spot groups the original color and five complimentary colors.



234.4150, 7.1904, -19.6580



250.8360, 2.0529, -5.1182



234.4030, -8.0867, -19.6474



124.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000



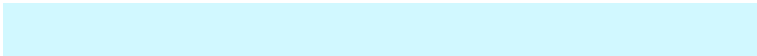
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



234.4150, 7.1904, -19.6580



237.1370, 8.8065, -24.6761



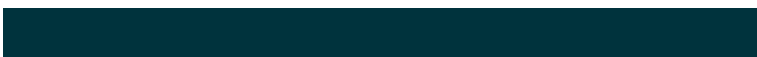
223.8490, 12.3994, -10.3916



119.9390, 2.4951, -6.9625



114.2920, 36.8310, -100.2341



36.8910, 11.8857, -32.3534

Inverse Universe

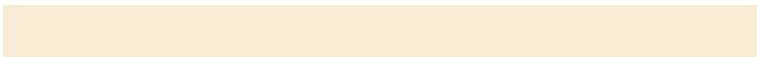
The Inverse Universe completely reimagines the original color for something new.



226.5970, 8.0867, 19.6474



227.2000, 10.2544, 24.3806



237.1510, -12.3994, 10.3916



117.1410, 2.8885, 6.8923



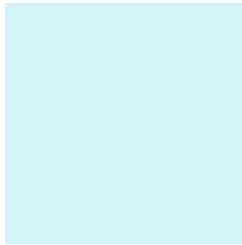
74.5230, 41.1542, 100.3963



24.0530, 13.2849, 32.4025

Previews

White Background



This preview shows how the YUV color 234.4150, 7.1904, -19.6580 looks on a white background.

Color Contrast Check

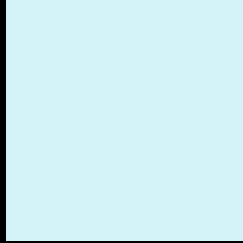
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 234.4150, 7.1904, -19.6580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

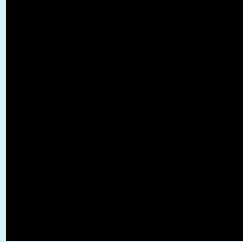
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.4150, 7.1904, -19.6580

Background



This preview shows how black text looks on a background with the YUV color 234.4150, 7.1904, -19.6580.



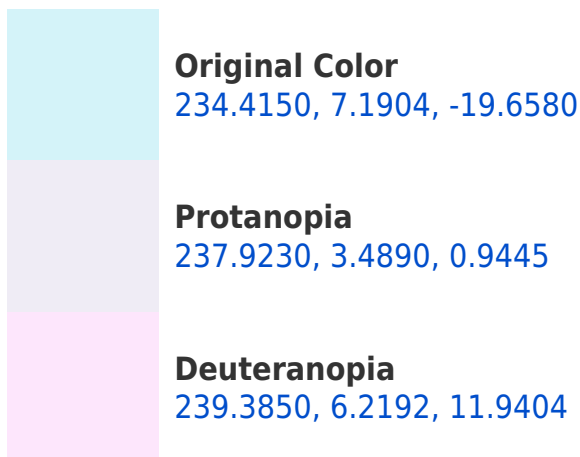
This preview shows how white text looks on a background with the YUV color 234.4150, 7.1904, -19.6580.

-19.6580.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

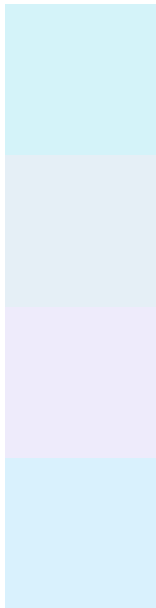




Tritanopia

235.7300, 9.5001, -13.7952

Trichromacy



Original Color

234.4150, 7.1904, -19.6580

Protanomaly

236.8080, 4.5317, -6.8476

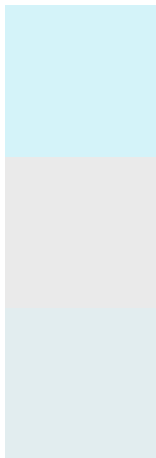
Deuteranomaly

237.7210, 6.5465, 0.2447

Tritanomaly

235.1920, 8.7793, -15.9544

Monochromacy



Original Color

234.4150, 7.1904, -19.6580

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

233.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.4150, 7.1904, -19.6580 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 243, 249)` looks like.

```
.text, #text, p{  
    color:rgb(212, 243, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 243, 249) }
```

Border

The CSS property to change the border of an element to YUV 234.4150, 7.1904, -19.6580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 243, 249) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 243, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 243,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 234.4150, 7.1904, -19.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 243, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
243, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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