

Converting Colors

YUV(210.2710, 15.6424,
-23.9167)

Have a look what the booklet for
YUV(210.2710, 15.6424, -23.9167)
contains.

YUV(210.2710, 15.6424, -23.9167)	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(210.2710, 15.6424,
-23.9167)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DAF2
RGB	183, 218, 242
RGB Percent	72%, 85%, 95%
CMY	0.2824, 0.1451, 0.0510
CMYK	0.24, 0.10, 0.00, 0.05
HSL	204°, 69%, 83%
HSV	204°, 24%, 95%
XYZ	60.6269, 66.6209, 93.6681
YIQ	210.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

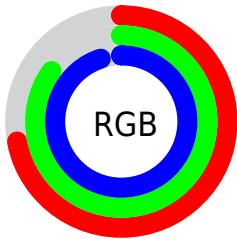
Format	Color
RYB	183, 205, 242
Decimal	12049138
CIELab	85.31, -6.28, -15.54
CIELCh	85, 16.760, 247.980
Yxy	66.6209, 0.2744, 0.3016
Android (android.graphics.Color)	4290239218 (0xFFB7DAF2)
YUV	210.2710, 15.6424, -23.9167
Hunter-Lab	81.6216, -10.2517, -10.9055

Details

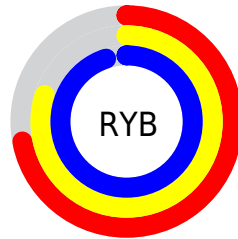
The YUV color $210.2710, 15.6424, -23.9167$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.7290, -15.6424, 23.9167$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, 2.2111, -9.2217$, and $155.4560, 15.0582, -23.2019$ is the 20% darker color. If you saturate the color by 10%, you get $197.2250, 22.0741, -33.5233$, and if you desaturate by 10%, it is $223.3170, 9.2107, -14.3100$.

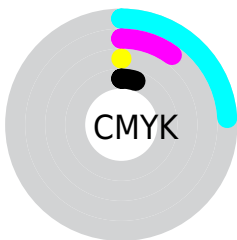
Distribution



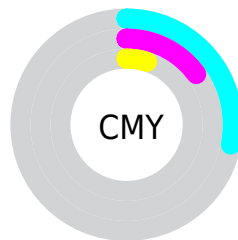
- Red (72%)
- Green (85%)
- Blue (95%)



- Red (72%)
- Yellow (80%)
- Blue (95%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2710, 15.6424, -23.9167 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 210.2710, 15.6424, -23.9167 by changing the saturation by 10% instead.

■ 210.2710, 15.6424,
-23.9167

■ 210.2710, 15.6424,
-23.9167

255.0000, 0.0000,
0.0000

■ 182.5700, 15.4950,
-23.3019

■ 250.5150, 2.2111,
-9.2217

■ 155.4560, 15.0582,
-23.2019

■ 129.3420, 14.6214,
-23.1019

■ 103.9290, 14.3320,
-23.6167

■ 79.1140, 13.7478,
-22.9020

■ 55.1030, 13.7532,
-24.6463

■ 31.4940, 14.0535,

-27.6202

■ 17.2460, 10.2317,
-15.1247

■ 2.5250, 7.1362,
-2.2144

■ 210.2710, 15.6424,
-23.9167

■ 210.2710, 15.6424,
-23.9167

■ 197.2250, 22.0741,
-33.5233

■ 223.3170, 9.2107,
-14.3100

■ 184.1790, 28.5058,
-43.1300

■ 236.3630, 2.7790,
-4.7034

■ 170.8340, 35.0848,
-53.3514

■ 249.4090, -3.6526,
4.9033

■ 158.3750, 41.2271,
-63.4729

■ 253.5180, -5.6784,
1.2997

■ 145.3290, 47.6588,
-73.0795

■ 132.2830, 54.0905,
-82.6862

■ 119.2370, 60.5222,
-92.2928

■ 112.1160, 64.0328,
-98.3257

Harmonies

Analogous

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



207.9020, 11.8803, -30.6091



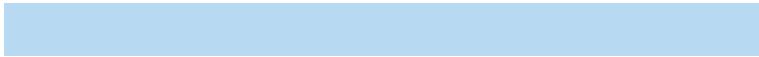
210.2710, 15.6424, -23.9167



212.9460, 15.3096, -10.4766

Triad

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



210.2710, 15.6424, -23.9167



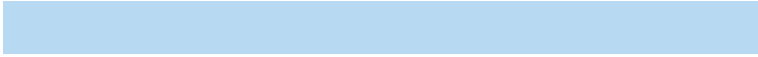
215.9540, -3.4283, 26.3503



210.0950, -10.8928, -6.2223

Complementary

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



210.2710, 15.6424, -23.9167



214.7290, -15.6424, 23.9167

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.



212.1570, -14.8674, 8.6323



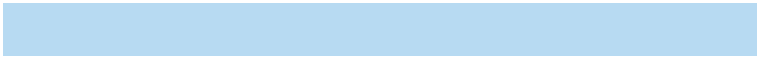
210.2710, 15.6424, -23.9167



215.4180, -10.5591, 26.8204

Square

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



210.2710, 15.6424, -23.9167



216.5600, 4.1609, 18.8029



213.9350, -14.7580, 20.2280



208.2550, -3.5767, -19.5176

Rectangle

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



210.2710, 15.6424, -23.9167



214.4420, 13.0931, 0.4894



213.9350, -14.7580, 20.2280



211.2590, -12.9457, -1.1041

Sweetspot

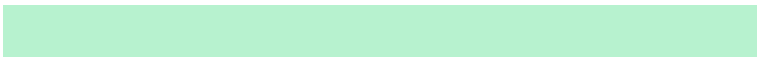
The Sweet Spot groups the original color and five complimentary colors.



210.2710, 15.6424, -23.9167



245.5090, 4.6791, -7.4624



220.3690, -6.5909, -32.7726



121.7760, 3.0684, -4.1886



0.0000, 0.0000, 0.0000



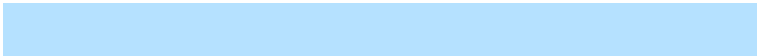
128.0000, 0.0000, 0.0000

Same Dimension

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



210.2710, 15.6424, -23.9167



215.2640, 19.5898, -30.0495



193.2480, 24.0347, -8.9875



113.4770, 3.2158, -4.8033



84.9590, 48.8272, -74.5090



25.7550, 14.9108, -22.5871

Inverse Universe

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



204.6310, 6.5909, 32.7726



208.1420, 8.3110, 41.0945



231.7520, -24.0347, 8.9875



112.3860, 1.2887, 6.6775



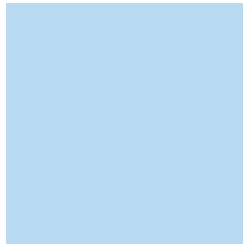
67.4420, 20.4881, 102.2214



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 210.2710, 15.6424, -23.9167 looks on a white background.

Color Contrast Check

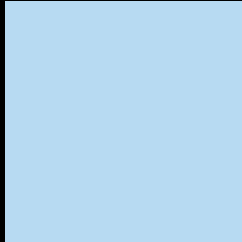
Large Text (above 18pt) WCAG AA × Fail

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 210.2710, 15.6424, -23.9167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

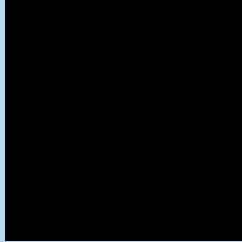
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.2710, 15.6424, -23.9167

Background



This preview shows how black text looks on a background with the YUV color 210.2710, 15.6424, -23.9167.



This preview shows how white text looks on a background with the YUV color 210.2710, 15.6424, -23.9167.

-23.9167.

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



Original Color

210.2710, 15.6424, -23.9167

Protanopia

213.4800, 12.0884, -3.9290

Deuteranopia

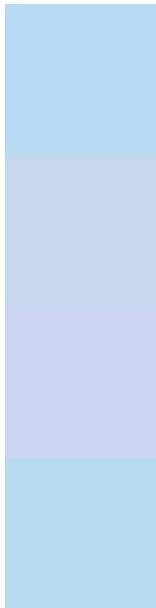
214.5070, 14.5400, 3.0634



Tritanopia

209.8750, 12.8796, -24.4464

Trichromacy



Original Color

210.2710, 15.6424, -23.9167

Protanomaly

212.6640, 12.9836, -11.1063

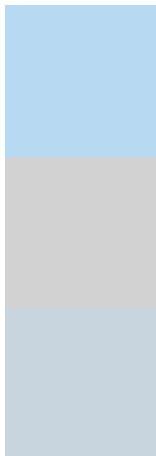
Deuteranomaly

212.8540, 14.8620, -6.8880

Tritanomaly

210.1030, 13.7532, -24.6463

Monochromacy



Original Color

210.2710, 15.6424, -23.9167

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2710, 15.6424, -23.9167 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(183, 218, 242)` looks like.

```
.text, #text, p{  
    color:rgb(183, 218, 242)  
}
```

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(183, 218, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 218, 242) }
```

Border

The CSS property to change the border of an element to YUV 210.2710, 15.6424, -23.9167 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(183, 218, 242) }
```


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

```
.border{ border-color:rgb(183, 218, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 218, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 218, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 218, 242);  
box-shadow:4px 4px 4px 4px rgb(183, 218,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 210.2710, 15.6424, -23.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 218, 242) }
```

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

```
.background{ background-color: rgb(183,  
218, 242) }
```

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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