

Converting Colors

YUV(218.3010, 6.7536,
-19.5580)

Have a look what the booklet for
YUV(218.3010, 6.7536, -19.5580)
contains.

YUV(218.3010, 6.7536, -19.5580)	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(218.3010, 6.7536,
-19.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E3E8
RGB	196, 227, 232
RGB Percent	77%, 89%, 91%
CMY	0.2314, 0.1098, 0.0902
CMYK	0.16, 0.02, 0.00, 0.09
HSL	188°, 44%, 84%
HSV	188°, 16%, 91%
XYZ	64.7995, 72.5001, 86.9226
YIQ	218.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

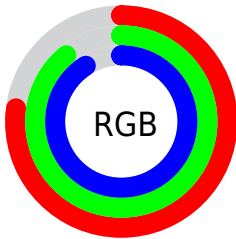
Format	Color
R_{YB}	196, 213, 232
Decimal	12903400
CIE _{Lab}	88.21, -9.11, -5.86
CIE _{LCh}	88, 10.836, 212.754
Yxy	72.5001, 0.2890, 0.3233
Android (android.graphics.Color)	4291093480 (0xFFC4E3E8)
YUV	218.3010, 6.7536, -19.5580
Hunter-Lab	85.1470, -13.1632, -0.9235

Details

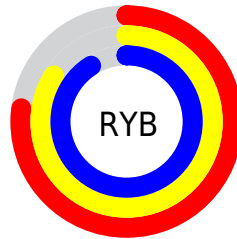
The YUV color $218.3010, 6.7536, -19.5580$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.6990, -6.7536, 19.5580$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $163.4860, 6.1694, -18.8432$ is the 20% darker color. If you saturate the color by 10%, you get $209.6630, 11.0121, -32.1535$, and if you desaturate by 10%, it is $226.9390, 2.4951, -6.9625$.

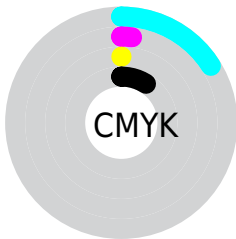
Distribution



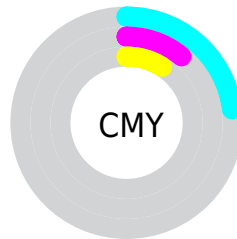
- Red (77%)
- Green (89%)
- Blue (91%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3010, 6.7536, -19.5580 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 218.3010, 6.7536, -19.5580 by changing the saturation by 10% instead.

■ 218.3010, 6.7536,
-19.5580

■ 218.3010, 6.7536,
-19.5580

255.0000, 0.0000,
0.0000

■ 190.6000, 6.6062,
-18.9432

254.4020, 0.2948,
-1.2296

■ 163.4860, 6.1694,
-18.8432

■ 136.8990, 6.4588,
-18.3284

■ 111.1980, 6.3114,
-17.7136

■ 87.0840, 5.8746,
-17.6137

■ 63.0840, 5.8746,
-17.6137

■ 41.0840, 5.8746,

-17.6137

■ 19.9700, 5.4378,
-17.5137

■ 0.7980, 3.0576,
-0.6998

■ 218.3010, 6.7536,
-19.5580

■ 218.3010, 6.7536,
-19.5580

■ 209.6630, 11.0121,
-32.1535

■ 226.9390, 2.4951,
-6.9625

■ 201.0250, 15.2707,
-44.7489

■ 235.5770, -1.7635,
5.6330

■ 191.5010, 19.9660,
-57.4444

■ 241.8120, -4.8373,
11.5659

■ 182.8630, 24.2245,
-70.0399

■ 243.5730, -5.7055,
10.0215

■ 174.2250, 28.4831,
-82.6353

■ 245.3340, -6.5737,
8.4771

■ 165.5870, 32.7416,
-95.2308

■ 247.0950, -7.4418,
6.9327

■ 156.3620, 37.2895,
-107.3115

■ 249.4430, -8.5994,
4.8735

■ 147.4250, 41.6955,
-120.5217

■ 251.2040, -9.4676,
3.3291

■ 143.8480, 43.4589,
-126.1547

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



218.3460, 1.8014, -17.8434



218.3010, 6.7536, -19.5580



219.4200, 9.6529, -16.1543

Triad

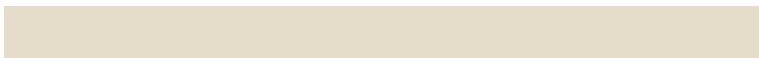
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.3010, 6.7536, -19.5580



223.6900, 3.6038, 10.7959



221.1120, -9.9152, 6.9178

Complementary

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



218.3010, 6.7536, -19.5580



209.6990, -6.7536, 19.5580

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.



222.5690, -9.6475, 14.4100



218.3010, 6.7536, -19.5580



223.4690, -1.2172, 17.1287

Square

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



218.3010, 6.7536, -19.5580



222.4870, 8.1409, 2.2039



223.2150, -6.0220, 18.2284



219.6270, -7.7041, -2.3039

Rectangle

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



218.3010, 6.7536, -19.5580



220.5670, 10.0735, -11.0213



223.2150, -6.0220, 18.2284



221.7210, -10.2155, 9.8917

Sweetspot

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



218.3010, 6.7536, -19.5580



249.9390, 2.4951, -6.9625



217.7020, -8.2341, -19.0327



124.4340, 1.7580, -3.8886



0.0000, 0.0000, 0.0000



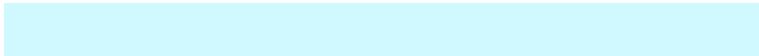
128.0000, 0.0000, 0.0000

Same Dimension

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



218.3010, 6.7536, -19.5580



236.5390, 9.1013, -25.9057



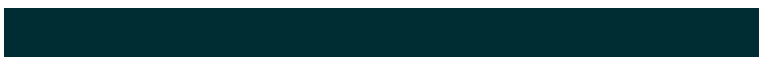
207.7350, 11.9626, -10.2916



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Inverse Universe

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



210.2980, 8.2341, 19.0327



226.0260, 10.8332, 25.4102



220.2650, -11.9626, 10.2916



107.7280, 2.5991, 6.3775



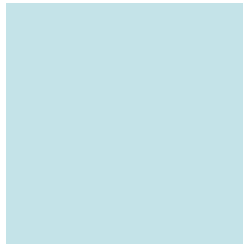
71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 218.3010, 6.7536, -19.5580 looks on a white background.

Color Contrast Check

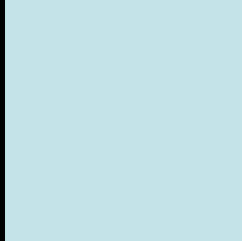
Large Text (above 18pt) WCAG AA × Fail

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 218.3010, 6.7536, -19.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

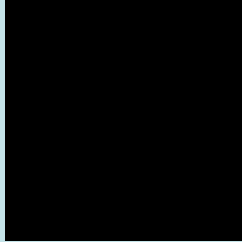
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.3010, 6.7536, -19.5580

Background



This preview shows how black text looks on a background with the YUV color 218.3010, 6.7536, -19.5580.



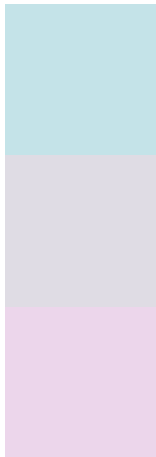
This preview shows how white text looks on a background with the YUV color 218.3010, 6.7536, -19.5580.

-19.5580.

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

218.3010, 6.7536, -19.5580

Protanopia

221.8090, 3.0522, 1.0445

Deuteranopia

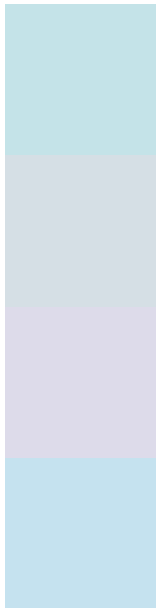
222.9720, 5.9298, 11.4256



Tritanopia

218.9790, 11.8424, -18.3986

Trichromacy



Original Color

218.3010, 6.7536, -19.5580

Protanomaly

220.6940, 4.0949, -6.7476

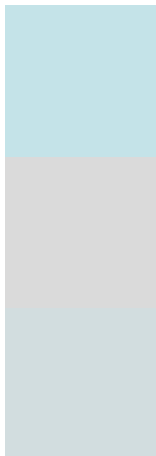
Deuteranomaly

221.3080, 6.2572, -0.2701

Tritanomaly

218.8110, 9.9532, -19.1282

Monochromacy



Original Color

218.3010, 6.7536, -19.5580

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3010, 6.7536, -19.5580 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(196, 227, 232)` looks like.

```
.text, #text, p{  
    color:rgb(196, 227, 232)  
}
```

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(196, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 227, 232) }
```

Border

The CSS property to change the border of an element to YUV 218.3010, 6.7536, -19.5580 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(196, 227, 232) }
```


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

```
.border{ border-color:rgb(196, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(196, 227,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 218.3010, 6.7536, -19.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 227, 232) }
```

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

```
.background{ background-color: rgb(196,  
227, 232) }
```

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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