

Converting Colors

YUV(217.5710, 10.5645,
-28.5648)

Have a look what the booklet for
YUV(217.5710, 10.5645, -28.5648)
contains.

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Color

**YUV(217.5710, 10.5645,
-28.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E6EF
RGB	185, 230, 239
RGB Percent	73%, 90%, 94%
CMY	0.2745, 0.0980, 0.0627
CMYK	0.23, 0.04, 0.00, 0.06
HSL	190°, 63%, 83%
HSV	190°, 23%, 94%
XYZ	63.8844, 73.1399, 92.4117
YIQ	217.5710, -29.7090, -6.7410

Conversions

Conversions Part 2

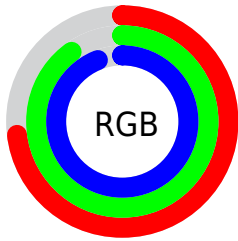
Format	Color
R _Y B	185, 210, 239
Decimal	12183279
CIE Lab	88.51, -12.51, -9.16
CIE LCh	89, 15.508, 216.213
Yxy	73.1399, 0.2784, 0.3188
Android (android.graphics.Color)	4290373359 (0xFFB9E6EF)
YUV	217.5710, 10.5645, -28.5648
Hunter-Lab	85.5219, -16.3247, -4.2012

Details

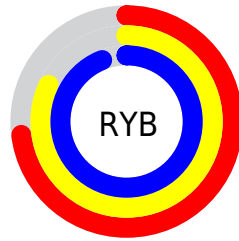
The YUV color $217.5710, 10.5645, -28.5648$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $206.4290, -10.5645, 28.5648$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $162.1690, 10.2697, -27.3352$ is the 20% darker color. If you saturate the color by 10%, you get $208.0470, 15.2598, -41.2602$, and if you desaturate by 10%, it is $227.0950, 5.8692, -15.8693$.

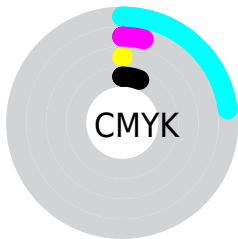
Distribution



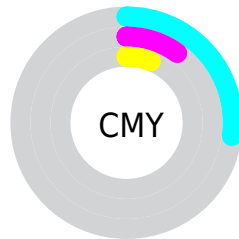
- Red (73%)
- Green (90%)
- Blue (94%)



- Red (73%)
- Yellow (82%)
- Blue (94%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.5710, 10.5645, -28.5648 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 217.5710, 10.5645, -28.5648 by changing the saturation by 10% instead.

■ 217.5710, 10.5645,
-28.5648

■ 217.5710, 10.5645,
-28.5648

255.0000, 0.0000,
0.0000

■ 189.8700, 10.4171,
-27.9500

■ 251.1130, 1.9163,
-7.9921

■ 162.1690, 10.2697,
-27.3352

■ 136.0550, 9.8329,
-27.2352

■ 110.0550, 9.8329,
-27.2352

■ 85.0550, 9.8329,
-27.2352

■ 60.7560, 9.9803,
-27.8500

■ 36.5490, 10.5753,

-32.0535

■ 21.7140, 7.0430,
-19.0432

■ 2.2970, 6.2626,
-2.0145

■ 217.5710, 10.5645,
-28.5648

■ 217.5710, 10.5645,
-28.5648

■ 208.0470, 15.2598,
-41.2602

■ 227.0950, 5.8692,
-15.8693

■ 198.5230, 19.9552,
-53.9557

■ 236.6190, 1.1738,
-3.1739

■ 188.9990, 24.6505,
-66.6511

■ 245.5450, -3.2267,
8.2920

■ 179.4750, 29.3458,
-79.3466

■ 247.8930, -4.3842,
6.2328

■ 169.9510, 34.0412,
-92.0420

■ 250.2410, -5.5418,
4.1736

■ 160.7260, 38.5891,
-104.1227

■ 252.5890, -6.6994,
2.1144

■ 151.2020, 43.2844,
-116.8182

■ 253.1760, -6.9888,
1.5996

■ 144.0590, 46.8059,
-126.3397

Harmonies

Analogous

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



217.1600, 3.8651, -26.4503



217.5710, 10.5645, -28.5648



219.6410, 14.4740, -22.4872

Triad

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



217.5710, 10.5645, -28.5648



225.2500, 4.3137, 16.4438



221.3850, -13.9938, 8.4324

Complementary

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



217.5710, 10.5645, -28.5648



206.4290, -10.5645, 28.5648

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.



222.9780, -13.3002, 19.3133



217.5710, 10.5645, -28.5648



225.1710, -2.5493, 24.4060

Square

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



217.5710, 10.5645, -28.5648



223.8940, 10.8983, 4.4780



224.6350, -9.6801, 24.8761



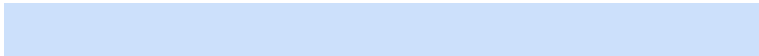
219.8070, -10.7509, -5.0927

Rectangle

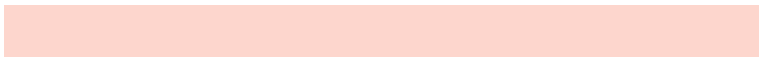
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.5710, 10.5645, -28.5648



221.0980, 14.7417, -14.9949



224.6350, -9.6801, 24.8761



221.7060, -14.1521, 12.5358

Sweetspot

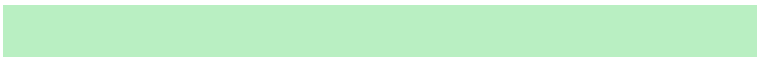
The Sweet Spot groups the original color and five complimentary colors.



217.5710, 10.5645, -28.5648



247.8570, 3.5215, -9.5216



217.7240, -11.6959, -28.6989



123.5370, 2.2003, -5.7329



0.0000, 0.0000, 0.0000



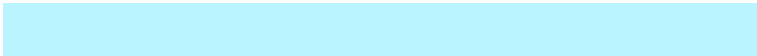
128.0000, 0.0000, 0.0000

Same Dimension

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



217.5710, 10.5645, -28.5648



227.9120, 13.3544, -36.7568



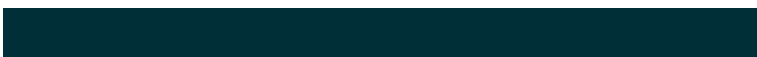
201.7220, 18.3781, -14.6652



115.2380, 2.3477, -6.3477



110.7870, 36.0940, -97.1602



33.9730, 10.8593, -29.7943

Inverse Universe

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



206.2760, 11.6959, 28.6989



213.2430, 15.1632, 36.6209



222.2780, -18.3781, 14.6652



112.7280, 2.5991, 6.3775



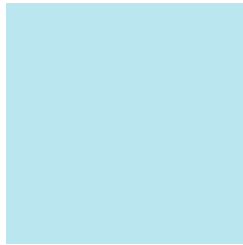
72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 217.5710, 10.5645, -28.5648 looks on a white background.

Color Contrast Check

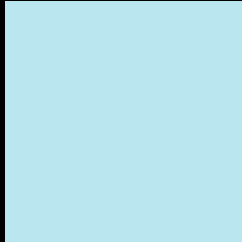
Large Text (above 18pt) WCAG AA × Fail

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 217.5710, 10.5645, -28.5648 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 217.5710, 10.5645, -28.5648

Background



This preview shows how black text looks on a background with the YUV color 217.5710, 10.5645, -28.5648.



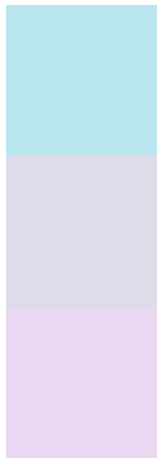
This preview shows how white text looks on a background with the YUV color 217.5710, 10.5645, -28.5648.

-28.5648.

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

217.5710, 10.5645, -28.5648

Protanopia

222.0800, 5.3836, -0.0702

Deuteranopia

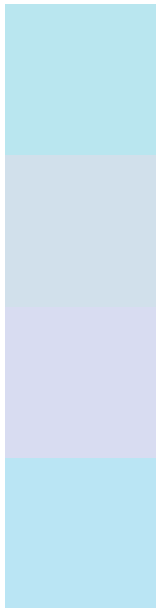
223.7590, 8.9928, 8.9814



Tritanopia

218.4940, 14.0535, -27.6202

Trichromacy



Original Color

217.5710, 10.5645, -28.5648

Protanomaly

220.7690, 7.0159, -10.3214

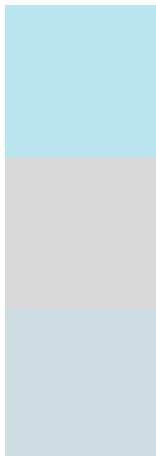
Deuteranomaly

221.1980, 9.7624, -4.5586

Tritanomaly

217.8530, 12.8905, -27.9351

Monochromacy



Original Color

217.5710, 10.5645, -28.5648

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.6720, 4.1057, -10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5710, 10.5645, -28.5648 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(185, 230, 239)` looks like.

```
.text, #text, p{  
    color:rgb(185, 230, 239)  
}
```

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(185, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 230, 239) }
```

Border

The CSS property to change the border of an element to YUV 217.5710, 10.5645, -28.5648 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(185, 230, 239) }
```


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

```
.border{ border-color:rgb(185, 230, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 230, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(185, 230,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 217.5710, 10.5645, -28.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 230, 239) }
```

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

```
.background{ background-color: rgb(185,  
230, 239) }
```

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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