

Converting Colors

YUV(217.9640, 4.4547,
-28.9094)

Have a look what the booklet for
YUV(217.9640, 4.4547, -28.9094)
contains.

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Color

**YUV(217.9640, 4.4547,
-28.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E9E3
RGB	185, 233, 227
RGB Percent	73%, 91%, 89%
CMY	0.2745, 0.0863, 0.1098
CMYK	0.21, 0.00, 0.03, 0.09
HSL	172°, 52%, 82%
HSV	172°, 21%, 91%
XYZ	63.0116, 74.1382, 83.6621
YIQ	217.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

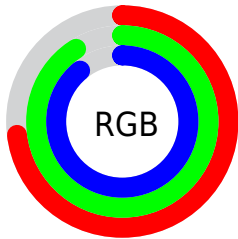
Format	Color
RYB	185, 211, 233
Decimal	12184035
CIELab	88.99, -16.56, -2.17
CIELCh	89, 16.697, 187.468
Yxy	74.1382, 0.2854, 0.3358
Android (android.graphics.Color)	4290374115 (0xFFB9E9E3)
YUV	217.9640, 4.4547, -28.9094
Hunter-Lab	86.1035, -20.0527, 2.6636

Details

The YUV color **217.9640, 4.4547, -28.9094** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.0360, -4.4547, 28.9094**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **162.6760, 4.5967, -27.7799** is the 20% darker color. If you saturate the color by 10%, you get **210.7450, 6.5347, -42.7494**, and if you desaturate by 10%, it is **225.1830, 2.3748, -15.0695**.

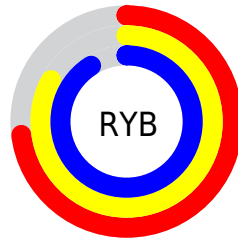
Distribution



Red (73%)

Green (91%)

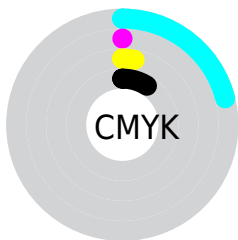
Blue (89%)



Red (73%)

Yellow (83%)

Blue (91%)

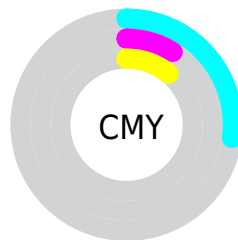


Cyan (21%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9640, 4.4547, -28.9094 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 217.9640, 4.4547, -28.9094 by changing the saturation by 10% instead.

■ 217.9640, 4.4547,
-28.9094

■ 217.9640, 4.4547,
-28.9094

255.0000, 0.0000,
0.0000

■ 190.2630, 4.3073,
-28.2947

■ 251.1130, 1.9163,
-7.9921

■ 162.6760, 4.5967,
-27.7799

■ 135.9750, 4.4493,
-27.1651

■ 110.9750, 4.4493,
-27.1651

■ 85.3880, 4.7387,
-26.6503

■ 61.3880, 4.7387,
-26.6503

■ 37.5940, 5.6232,

-30.3389

■ 21.3890, 3.2592,
-18.7582

■ 0.1140, 0.4368,
-0.1000

■ 217.9640, 4.4547,
-28.9094

■ 217.9640, 4.4547,
-28.9094

■ 210.7450, 6.5347,
-42.7494

■ 225.1830, 2.3748,
-15.0695

■ 203.2270, 8.7621,
-57.2041

■ 232.7010, 0.1474,
-0.6148

■ 196.0080, 10.8421,
-71.0440

■ 239.9200, -1.9326,
13.2252

■ 188.7890, 12.9220,
-84.8840

■ 240.2620, -0.6222,
12.9252

■ 181.2710, 15.1494,
-99.3387

■ 240.6040, 0.6882,
12.6253

■ 174.1660, 17.6662,
-113.2786

■ 240.8320, 1.5618,
12.4253

■ 166.9470, 19.7461,
-127.1185

■ 241.1740, 2.8722,
12.1254

■ 160.0270, 21.6787,
-140.3437

■ 241.5160, 4.1826,
11.8255

■ 241.8580, 5.4930,
11.5255

Harmonies

Analogous

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



219.1410, -4.0135, -19.4177



217.9640, 4.4547, -28.9094



218.4890, 11.5909, -31.1239

Triad

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



217.9640, 4.4547, -28.9094



225.7200, 11.4770, 5.5076



224.0490, -14.3212, 20.1280

Complementary

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



217.9640, 4.4547, -28.9094



200.0360, -4.4547, 28.9094

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.



225.2330, -9.9749, 26.1057



217.9640, 4.4547, -28.9094



226.6740, 4.5977, 18.7029

Square

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



217.9640, 4.4547, -28.9094



223.0600, 15.7464, -10.5766



226.3560, -3.1335, 25.1208



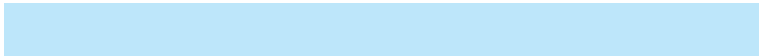
222.7440, -15.1568, 8.1175

Rectangle

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



217.9640, 4.4547, -28.9094



220.0210, 14.7796, -27.2054



226.3560, -3.1335, 25.1208



224.8860, -13.7478, 22.9020

Sweetspot

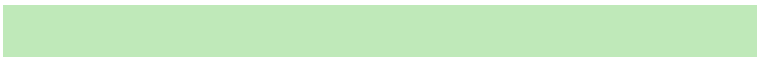
The Sweet Spot groups the original color and five complimentary colors.



217.9640, 4.4547, -28.9094



250.2870, 1.3375, -9.0217



214.9700, -14.7752, -21.0217



125.0810, 0.4531, -5.3330



0.0000, 0.0000, 0.0000



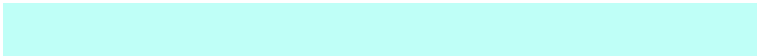
128.0000, 0.0000, 0.0000

Same Dimension

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



217.9640, 4.4547, -28.9094



234.9520, 5.9397, -38.5459



208.0820, 12.2846, -20.2429



113.5970, 1.1847, -6.6626



124.2590, 16.6343, -108.9751



37.0560, 4.9024, -32.4981

Inverse Universe

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



200.0360, -4.4547, 28.9094



211.0480, -5.9397, 38.5459



209.9180, -12.2846, 20.2429



109.4030, -1.1847, 6.6626



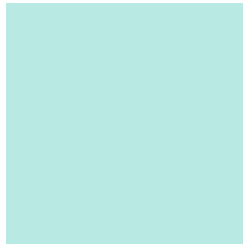
56.7410, -16.6343, 108.9751



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 217.9640, 4.4547, -28.9094 looks on a white background.

Color Contrast Check

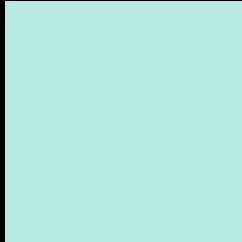
Large Text (above 18pt) WCAG AA × Fail

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 217.9640, 4.4547, -28.9094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

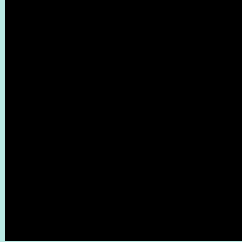
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

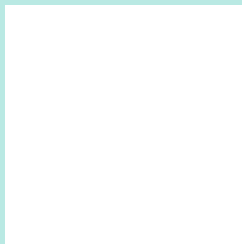
Any Text WCAG AAA ✓ Pass

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

YUV 217.9640, 4.4547, -28.9094 Background



This preview shows how black text looks on a background with the YUV color 217.9640, 4.4547, -28.9094.



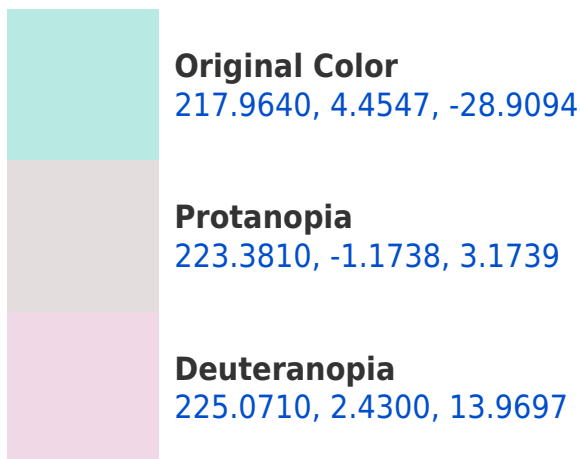
This preview shows how white text looks on a background with the YUV color 217.9640, 4.4547, -28.9094.

-28.9094.

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

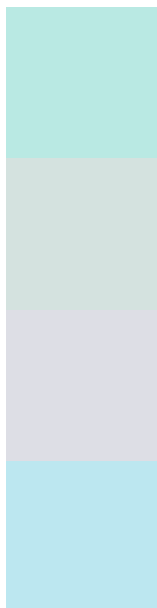




Tritanopia

219.7930, 13.9061, -27.0055

Trichromacy



Original Color

217.9640, 4.4547, -28.9094

Protanomaly

221.4720, 0.7533, -8.3069

Deuteranomaly

222.4990, 3.2050, -1.3146

Tritanomaly

219.1690, 10.2697, -27.3352

Monochromacy



Original Color

217.9640, 4.4547, -28.9094

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.6890, 1.6323, -10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9640, 4.4547, -28.9094 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, 233, 227)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 227)  
}
```

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, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 227) }
```

Border

The CSS property to change the border of an element to YUV 217.9640, 4.4547, -28.9094 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, 233, 227) }
```


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

```
.border{ border-color:rgb(185, 233, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 233, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 217.9640, 4.4547, -28.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 227) }
```

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

```
.background{ background-color: rgb(185,  
233, 227) }
```

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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