

Converting Colors

YUV(200.4060, -6.1162,
-45.0831)

Have a look what the booklet for
YUV(200.4060, -6.1162, -45.0831)
contains.

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Color

**YUV(200.4060, -6.1162,
-45.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	95E5BC
RGB	149, 229, 188
RGB Percent	58%, 90%, 74%
CMY	0.4157, 0.1020, 0.2627
CMYK	0.35, 0.00, 0.18, 0.10
HSL	149°, 61%, 74%
HSV	149°, 35%, 90%
XYZ	49.4908, 66.0590, 57.7192
YIQ	200.4060, -34.5190, -29.7110

Conversions

Conversions Part 2

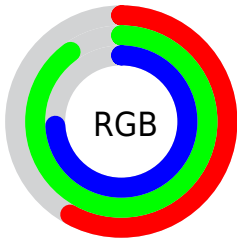
Format	Color
RYB	149, 203, 229
Decimal	9823676
CIELab	85.03, -33.21, 12.32
CIELCh	85, 35.418, 159.645
Yxy	66.0590, 0.2856, 0.3813
Android (android.graphics.Color)	4288013756 (0xFF95E5BC)
YUV	200.4060, -6.1162, -45.0831
Hunter-Lab	81.2767, -33.5424, 14.7885

Details

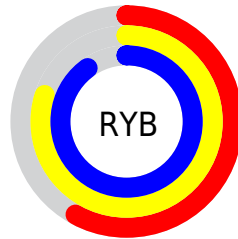
The YUV color **200.4060, -6.1162, -45.0831** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **177.5940, 6.1162, 45.0831**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.7960, 2.5656, -29.6391**, and **145.3460, -5.1006, -44.1534** is the 20% darker color. If you saturate the color by 10%, you get **192.1610, -7.9674, -58.0232**, and if you desaturate by 10%, it is **208.6510, -4.2649, -32.1429**.

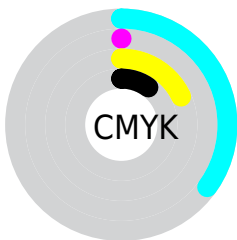
Distribution



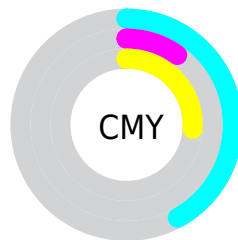
- Red (58%)
- Green (90%)
- Blue (74%)



- Red (58%)
- Yellow (80%)
- Blue (90%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)




- Cyan (42%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4060, -6.1162, -45.0831 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 200.4060, -6.1162, -45.0831 by changing the saturation by 10% instead.

 200.4060, -6.1162,
-45.0831

 200.4060, -6.1162,
-45.0831

255.0000, 0.0000,
0.0000


 172.8190, -5.8268,
-44.5683


 238.7960, 2.5656,
-29.6391


 145.3460, -5.1006,
-44.1534

 248.7210, 3.0955,
-12.9103

 118.4600, -4.6638,
-44.2534

 92.0900, -3.4954,
-45.6829

 63.1320, -0.5581,
-54.4898

 46.2370, -3.0748,
-40.5498

 29.7550, -5.3022,

-26.0951

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 200.4060, -6.1162,
-45.0831

■ 200.4060, -6.1162,
-45.0831

■ 192.1610, -7.9674,
-58.0232

■ 208.6510, -4.2649,
-32.1429

■ 184.0300, -9.3818,
-71.0633

■ 216.7820, -2.8505,
-19.1028

■ 175.7850,
-11.2330, -84.0034

■ 225.0270, -0.9993,
-6.1627

■ 167.5400,
-13.0842, -96.9436

■ 233.2720, 0.8519,
6.7775

■ 159.5940,
-15.0828, -109.2689

■ 238.8260, 4.0298,
14.1846

■ 151.4630,
-16.4973, -122.3091

■ 239.7380, 7.5242,
13.3848

■ 147.1910,
-17.3492, -129.0865

Harmonies

Analogous

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



205.3530, -22.3590, -15.2186



200.4060, -6.1162, -45.0831



195.2900, 13.1680, -70.4143

Triad

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



200.4060, -6.1162, -45.0831



208.8290, 22.7623, -20.8980



208.4430, -18.4594, 40.8305

Complementary

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



200.4060, -6.1162, -45.0831



177.5940, 6.1162, 45.0831

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.



209.1560, -3.0349, 40.2052



200.4060, -6.1162, -45.0831



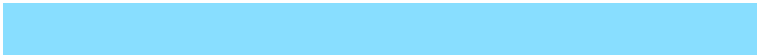
215.5390, 19.4543, 13.5593

Square

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



200.4060, -6.1162, -45.0831



200.0480, 27.0913, -56.1701



214.6790, 10.5113, 35.3615



211.9190, -30.5261, 37.7820

Rectangle

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



200.4060, -6.1162, -45.0831



193.9220, 24.6885, -78.8616



214.6790, 10.5113, 35.3615



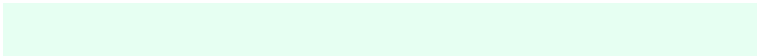
208.4090, -13.5126, 40.8603

Sweetspot

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



200.4060, -6.1162, -45.0831



246.0430, -1.9932, -14.0697



208.2190, -29.1950, -15.9781



122.3040, -1.1359, -9.0366



0.0000, 0.0000, 0.0000



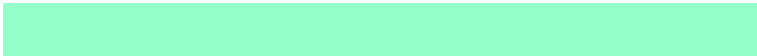
128.0000, 0.0000, 0.0000

Same Dimension

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



200.4060, -6.1162, -45.0831



216.7370, -8.2513, -60.2823



204.9660, 11.3558, -49.0822



110.7280, -0.8519, -6.7775



114.9910, -13.7996, -100.8471



32.7870, -3.8390, -28.7542

Inverse Universe

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



177.5940, 6.1162, 45.0831



186.2630, 8.2513, 60.2823



173.0340, -11.3558, 49.0822



107.2720, 0.8519, 6.7775



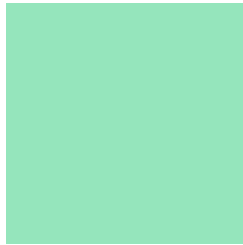
63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 200.4060, -6.1162, -45.0831 looks on a white background.

Color Contrast Check

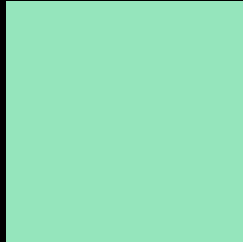
Large Text (above 18pt) WCAG AA × Fail

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 200.4060, -6.1162, -45.0831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

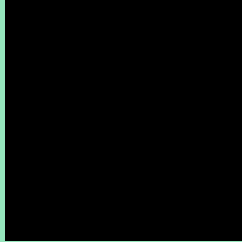
Any Text WCAG AA ✓ Pass

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 200.4060, -6.1162, -45.0831 Background



This preview shows how black text looks on a background with the YUV color 200.4060, -6.1162, -45.0831.



This preview shows how white text looks on a background with the YUV color 200.4060, -6.1162,

-45.0831.

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**

200.4060, -6.1162, -45.0831

Protanopia

210.9400, -15.7464, 10.5766

Deuteranopia

212.9120, -9.8166, 22.0022



Tritanopia

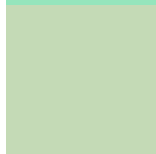
205.5140, 17.0016, -39.9158

Trichromacy



Original Color

200.4060, -6.1162, -45.0831



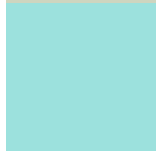
Protanomaly

207.3180, -12.4818, -9.9259



Deuteranomaly

208.3990, -8.5777, -2.1039



Tritanomaly

203.9130, 8.4239, -42.0197

Monochromacy



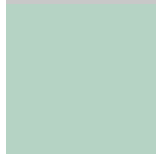
Original Color

200.4060, -6.1162, -45.0831



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.3200, -2.1298, -16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4060, -6.1162, -45.0831 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(149, 229, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 229, 188)  
}
```

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(149, 229, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 229, 188) }
```

Border

The CSS property to change the border of an element to YUV 200.4060, -6.1162, -45.0831 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(149, 229, 188) }
```


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

```
.border{ border-color:rgb(149, 229, 188) }
```

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

Here you see how a box with a 4 pixel rgb(149, 229, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 229, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 229, 188);  
box-shadow:4px 4px 4px 4px rgb(149, 229,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 200.4060, -6.1162, -45.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 229, 188) }
```

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

```
.background{ background-color: rgb(149,  
229, 188) }
```

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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