

Converting Colors

YUV(202.0220, 6.3982,
-45.6233)

Have a look what the booklet for
YUV(202.0220, 6.3982, -45.6233)
contains.

YUV(202.0220, 6.3982, -45.6233)	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(202.0220, 6.3982,
-45.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	96E2D7
RGB	150, 226, 215
RGB Percent	59%, 89%, 84%
CMY	0.4118, 0.1137, 0.1569
CMYK	0.34, 0.00, 0.05, 0.11
HSL	171°, 57%, 74%
HSV	171°, 34%, 89%
XYZ	52.0398, 65.7830, 74.2446
YIQ	202.0220, -41.7650, -19.5330

Conversions

Conversions Part 2

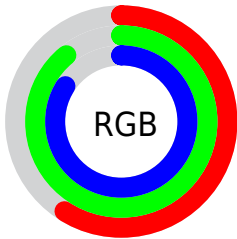
Format	Color
RYB	150, 191, 226
Decimal	9888471
CIELab	84.89, -25.81, -2.09
CIELCh	85, 25.894, 184.638
Yxy	65.7830, 0.2709, 0.3425
Android (android.graphics.Color)	4288078551 (0xFF96E2D7)
YUV	202.0220, 6.3982, -45.6233
Hunter-Lab	81.1067, -27.4075, 2.5010

Details

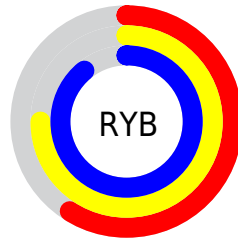
The YUV color **202.0220, 6.3982, -45.6233** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.9780, -6.3982, 45.6233**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **146.4350, 6.6875, -45.1085** is the 20% darker color. If you saturate the color by 10%, you get **194.8030, 8.4781, -59.4632**, and if you desaturate by 10%, it is **209.2410, 4.3182, -31.7834**.

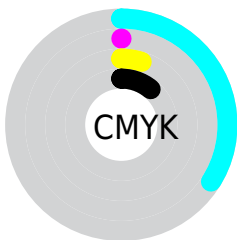
Distribution



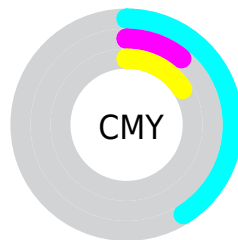
- Red (59%)
- Green (89%)
- Blue (84%)



- Red (59%)
- Yellow (75%)
- Blue (89%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (41%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.0220, 6.3982, -45.6233 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 202.0220, 6.3982, -45.6233 by changing the saturation by 10% instead.

■ 202.0220, 6.3982,
-45.6233

■ 202.0220, 6.3982,
-45.6233

255.0000, 0.0000,
0.0000

■ 174.3210, 6.2507,
-45.0085

■ 240.3490, 7.2229,
-30.1241

■ 146.4350, 6.6875,
-45.1085

■ 249.0200, 2.9481,
-12.2955

■ 120.1360, 6.8350,
-45.7233

■ 93.6520, 7.5666,
-47.0528

■ 64.2810, 10.2145,
-56.3744

■ 47.5710, 7.1135,
-41.7198

■ 31.5620, 4.1599,

-27.6799

■ 17.4280, 0.7750,
-15.2844

■ 0.0000, 0.0000,
0.0000

■ 202.0220, 6.3982,
-45.6233

■ 202.0220, 6.3982,
-45.6233

■ 194.8030, 8.4781,
-59.4632

■ 209.2410, 4.3182,
-31.7834

■ 187.7690, 9.9739,
-72.5884

■ 216.2750, 2.8224,
-18.6582

■ 180.5500, 12.0538,
-86.4284

■ 223.4940, 0.7425,
-4.8182

■ 173.6300, 13.9864,
-99.6535

■ 230.4140, -1.1901,
8.4069

■ 166.4110, 16.0664,
-113.4934

■ 235.2410, -2.0908,
17.3286

■ 159.0780, 17.7095,
-127.2334

■ 235.6970, -0.3436,
16.9287

■ 154.6640, 18.8996,
-135.6403

■ 236.0390, 0.9668,
16.6288

■ 236.3810, 2.2772,
16.3289

■ 236.7230, 3.5876,
16.0289

Harmonies

Analogous

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



204.5760, -7.1860, -28.5692



202.0220, 6.3982, -45.6233



202.0780, 18.2025, -51.8114

Triad

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



202.0220, 6.3982, -45.6233



214.5550, 18.4604, 5.6523



212.5790, -21.4844, 31.0642

Complementary

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



202.0220, 6.3982, -45.6233



173.9780, -6.3982, 45.6233

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.



212.9740, -13.7912, 36.8568



202.0220, 6.3982, -45.6233



216.0540, 8.3544, 27.1396

Square

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



202.0220, 6.3982, -45.6233



210.3130, 22.0307, -19.5685



213.9490, -2.4399, 36.0017



210.8990, -23.6142, 14.1206

Rectangle

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



202.0220, 6.3982, -45.6233



204.0770, 23.1330, -46.5485



213.9490, -2.4399, 36.0017



213.6550, -20.0429, 35.3826

Sweetspot

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



202.0220, 6.3982, -45.6233



247.0690, 1.9380, -14.9695



197.9010, -23.6152, -32.3622



122.8740, 1.0481, -9.5365



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.



202.0220, 6.3982, -45.6233



222.7920, 8.4835, -61.2076



187.4270, 19.0165, -32.8235



108.5970, 1.1847, -6.6626



120.4120, 14.5869, -105.6013



32.8500, 4.0179, -28.8095

Inverse Universe

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



173.9780, -6.3982, 45.6233



185.2080, -8.4835, 61.2076



188.5730, -19.0165, 32.8235



104.5170, -0.7479, 6.5626



55.4740, -15.0237, 105.7013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 202.0220, 6.3982, -45.6233 looks on a white background.

Color Contrast Check

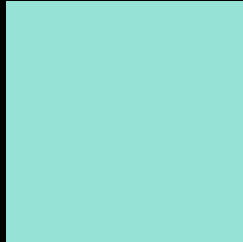
Large Text (above 18pt) WCAG AA × Fail

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 202.0220, 6.3982, -45.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

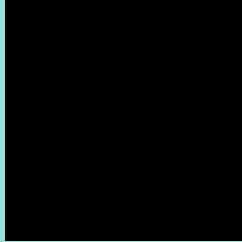
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.0220, 6.3982, -45.6233

Background



This preview shows how black text looks on a background with the YUV color 202.0220, 6.3982, -45.6233.



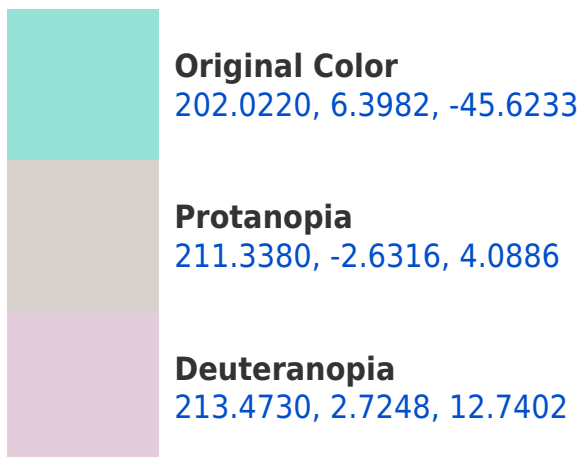
This preview shows how white text looks on a background with the YUV color 202.0220, 6.3982,

-45.6233.

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

204.3180, 17.5912, -42.3749

Trichromacy



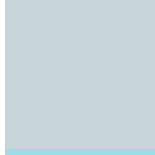
Original Color

202.0220, 6.3982, -45.6233



Protanomaly

208.0260, 0.4802, -14.0548



Deuteranomaly

209.6830, 4.1003, -8.4920



Tritanomaly

203.2810, 13.6655, -43.2194

Monochromacy



Original Color

202.0220, 6.3982, -45.6233



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.1720, 2.3802, -16.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.0220, 6.3982, -45.6233 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(150, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(150, 226, 215)  
}
```

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(150, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 226, 215) }
```

Border

The CSS property to change the border of an element to YUV 202.0220, 6.3982, -45.6233 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(150, 226, 215) }
```


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

```
.border{ border-color:rgb(150, 226, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(150, 226,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 202.0220, 6.3982, -45.6233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 226, 215) }
```

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

```
.background{ background-color: rgb(150,  
226, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor