

Converting Colors

YUV(147.0220, 6.3982,
-45.6233)

Have a look what the booklet for
YUV(147.0220, 6.3982, -45.6233)
contains.

YUV(147.0220, 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(147.0220, 6.3982,
-45.6233)**

Conversions

Conversions Part 1

Format	Color
Hex	5FABA0
RGB	95, 171, 160
RGB Percent	37%, 67%, 63%
CMY	0.6275, 0.3294, 0.3725
CMYK	0.44, 0.00, 0.06, 0.33
HSL	171°, 31%, 52%
HSV	171°, 44%, 67%
XYZ	25.6274, 34.0968, 38.4883
YIQ	147.0220, -41.7650, -19.5330

Conversions

Conversions Part 2

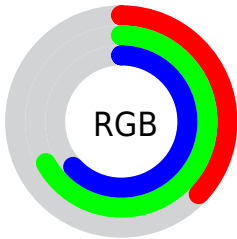
Format	Color
RYB	95, 136, 171
Decimal	6269856
CIELab	65.04, -26.29, -1.69
CIElCh	65, 26.345, 183.676
Yxy	34.0968, 0.2609, 0.3472
Android (android.graphics.Color)	4284459936 (0xFF5FABA0)
YUV	147.0220, 6.3982, -45.6233
Hunter-Lab	58.3924, -23.8464, 1.7948

Details

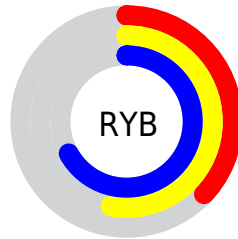
The YUV color **147.0220, 6.3982, -45.6233** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **118.9780, -6.3982, 45.6233**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6090, 6.1088, -46.1381**, and **93.3530, 7.7140, -47.6676** is the 20% darker color. If you saturate the color by 10%, you get **141.7110, 8.0305, -55.8745**, and if you desaturate by 10%, it is **152.3330, 4.7658, -35.3720**.

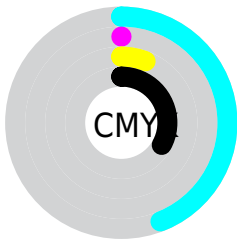
Distribution



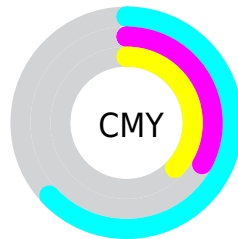
- Red (37%)
- Green (67%)
- Blue (63%)



- Red (37%)
- Yellow (53%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0220, 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 147.0220, 6.3982, -45.6233 by changing the saturation by 10% instead.

■ 147.0220, 6.3982,
-45.6233

■ 147.0220, 6.3982,
-45.6233

■ 255.0000, 0.0000,
0.0000

■ 120.1360, 6.8350,
-45.7233

■ 202.6090, 6.1088,
-46.1381

■ 93.3530, 7.7140,
-47.6676

■ 230.6090, 6.1088,
-46.1381

■ 64.1670, 9.7777,
-56.2745

■ 240.3490, 7.2229,
-30.1241

■ 47.4570, 6.6767,
-41.6198

■ 249.0200, 2.9481,
-12.2955

■ 31.5620, 4.1599,
-27.6799

■ 18.0150, 0.4856,
-15.7992

■ 0.0000, 0.0000,

0.0000

■ 147.0220, 6.3982,
-45.6233

■ 147.0220, 6.3982,
-45.6233

■ 141.7110, 8.0305,
-55.8745

■ 152.3330, 4.7658,
-35.3720

■ 136.2860, 9.2260,
-66.0258

■ 157.7580, 3.5703,
-25.2208

■ 130.9750, 10.8583,
-76.2771

■ 163.0690, 1.9380,
-14.9695

■ 125.5500, 12.0539,
-86.4283

■ 168.4940, 0.7425,
-4.8182

■ 120.2390, 13.6862,
-96.6796

■ 173.8050, -0.8899,
5.4330

■ 117.0210, 14.2866,
-102.6274

■ 179.5290, -2.2328,
16.1991

■ 184.8400, -3.8651,
26.4503

■ 190.2650, -5.0606,
36.6016

■ 195.5760, -6.6930,
46.8528

Harmonies

Analogous

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



150.2880, -7.0440, -27.4396



147.0220, 6.3982, -45.6233



146.0670, 18.2080, -53.5558

Triad

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



147.0220, 6.3982, -45.6233



160.4300, 18.0290, 4.0079



158.0950, -20.7528, 29.7347

Complementary

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



147.0220, 6.3982, -45.6233



118.9780, -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.



160.0990, -13.3598, 38.5012



147.0220, 6.3982, -45.6233



162.0430, 8.3598, 25.3953

Square

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



147.0220, 6.3982, -45.6233



156.0570, 23.6359, -21.0980



160.9600, -2.4453, 37.7461



156.2410, -22.3038, 13.8206

Rectangle

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



147.0220, 6.3982, -45.6233



148.6530, 22.8491, -48.8077



160.9600, -2.4453, 37.7461



158.9860, -18.7271, 33.3383

Sweetspot

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



147.0220, 6.3982, -45.6233



212.8730, 2.5276, -17.4286



142.9010, -23.6152, -32.3622



106.3900, 1.7797, -10.8660



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



147.0220, 6.3982, -45.6233



184.7800, 9.9685, -70.8441



132.4270, 19.0165, -32.8235



84.0810, 0.4531, -5.3330



102.7560, 12.9383, -90.1170



15.7810, 2.0800, -13.8399

Inverse Universe

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



118.9780, -6.3982, 45.6233



141.2200, -9.9685, 70.8441



133.5730, -19.0165, 32.8235



80.8050, -0.8899, 5.4330



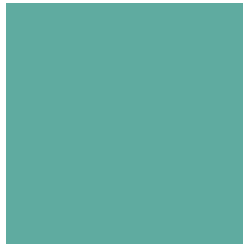
47.3580, -12.5015, 90.0170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 147.0220, 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 147.0220, 6.3982, -45.6233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

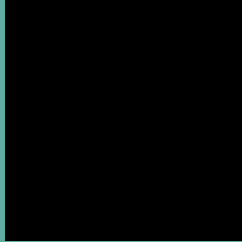
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.0220, 6.3982, -45.6233

Background



This preview shows how black text looks on a background with the YUV color 147.0220, 6.3982, -45.6233.



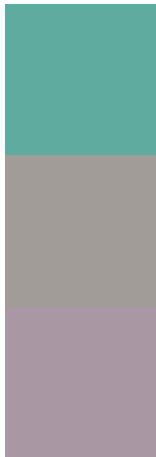
This preview shows how white text looks on a background with the YUV color 147.0220, 6.3982, -45.6233.

-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



Original Color

147.0220, 6.3982, -45.6233

Protanopia

157.0390, -2.4842, 3.4738

Deuteranopia

158.4510, 2.7357, 9.2515



Tritanopia

149.4490, 15.5546, -42.4898

Trichromacy



Original Color

147.0220, 6.3982, -45.6233

Protanomaly

153.1400, 0.9170, -14.1548

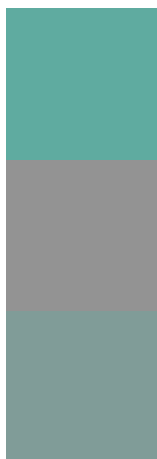
Deuteranomaly

154.3730, 4.2531, -10.8511

Tritanomaly

148.5260, 12.0657, -43.4343

Monochromacy



Original Color

147.0220, 6.3982, -45.6233

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1720, 2.3802, -16.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0220, 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(95, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(95, 171, 160)  
}
```

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(95, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 171, 160) }
```

Border

The CSS property to change the border of an element to YUV 147.0220, 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(95, 171, 160) }
```


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

```
.border{ border-color:rgb(95, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(95, 171,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 147.0220, 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(95, 171, 160) }
```

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

```
.background{ background-color: rgb(95, 171,  
160) }
```

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