

Converting Colors

YUV(135.7660, 8.0034,
-47.1528)

Have a look what the booklet for
YUV(135.7660, 8.0034, -47.1528)
contains.

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Color

**YUV(135.7660, 8.0034,
-47.1528)**

Conversions

Conversions Part 1

Format	Color
Hex	52A098
RGB	82, 160, 152
RGB Percent	32%, 63%, 60%
CMY	0.6784, 0.3725, 0.4039
CMYK	0.49, 0.00, 0.05, 0.37
HSL	174°, 32%, 47%
HSV	174°, 49%, 63%
XYZ	21.7180, 29.2024, 34.1977
YIQ	135.7660, -43.9200, -19.0240

Conversions

Conversions Part 2

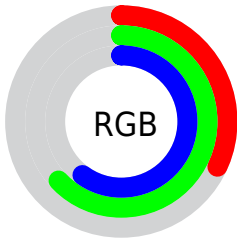
Format	Color
RYB	82, 123, 160
Decimal	5415064
CIELab	60.96, -26.05, -3.26
CIElCh	61, 26.249, 187.133
Yxy	29.2024, 0.2552, 0.3431
Android (android.graphics.Color)	4283605144 (0xFF52A098)
YUV	135.7660, 8.0034, -47.1528
Hunter-Lab	54.0393, -22.8310, 0.3069

Details

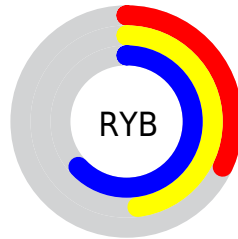
The YUV color **135.7660, 8.0034, -47.1528** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **106.2340, -8.0034, 47.1528**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6520, 7.5666, -47.0528**, and **81.1890, 9.7668, -52.7858** is the 20% darker color. If you saturate the color by 10%, you get **130.7540, 9.4883, -56.7893**, and if you desaturate by 10%, it is **140.7780, 6.5184, -37.5163**.

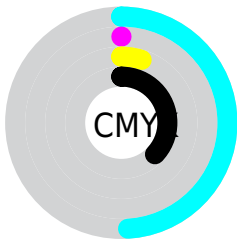
Distribution



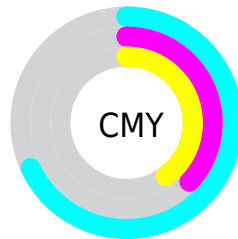
- Red (32%)
- Green (63%)
- Blue (60%)



- Red (32%)
- Yellow (48%)
- Blue (63%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (68%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7660, 8.0034, -47.1528 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 135.7660, 8.0034, -47.1528 by changing the saturation by 10% instead.

■ 135.7660, 8.0034,
-47.1528

■ 135.7660, 8.0034,
-47.1528

■ 255.0000, 0.0000,
0.0000

■ 109.1680, 8.2982,
-48.3823

■ 190.6520, 7.5666,
-47.0528

■ 81.1890, 9.7668,
-52.7858

■ 219.2390, 7.2772,
-47.5676

■ 57.4990, 9.6140,
-50.4266

■ 236.4620, 9.1392,
-38.1162

■ 41.4900, 6.6604,
-36.3867

■ 245.1330, 4.8644,
-20.2876

■ 26.0680, 3.4175,
-22.8616

■ 253.8040, 0.5896,
-2.4591

■ 5.3630, 2.7790,
-4.7034

■ 0.0000, 0.0000,

0.0000

■ 135.7660, 8.0034,
-47.1528

■ 135.7660, 8.0034,
-47.1528

■ 130.7540, 9.4883,
-56.7893

■ 140.7780, 6.5184,
-37.5163

■ 125.8560, 11.4100,
-66.5257

■ 145.6760, 4.5967,
-27.7799

■ 120.8440, 12.8949,
-76.1622

■ 150.6880, 3.1118,
-18.1434

■ 115.8320, 14.3798,
-85.7987

■ 155.7000, 1.6269,
-8.5069

■ 110.9340, 16.3015,
-95.5351

■ 160.5980, -0.2948,
1.2296

■ 110.3360, 16.5964,
-96.7647

■ 165.6100, -1.7797,
10.8660

■ 170.5080, -3.7014,
20.6025

■ 175.5200, -5.1864,
30.2390

■ 180.5320, -6.6713,
39.8754

Harmonies

Analogous

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



139.0320, -5.4388, -28.9691



135.7660, 8.0034, -47.1528



135.2950, 19.0816, -53.7557

Triad

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



135.7660, 8.0034, -47.1528



149.8110, 16.8552, 7.1818



147.6710, -21.0368, 27.4755

Complementary

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



135.7660, 8.0034, -47.1528



106.2340, -8.0034, 47.1528

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.



148.8600, -14.2280, 36.9568



135.7660, 8.0034, -47.1528



150.5270, 7.6282, 26.7248

Square

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



135.7660, 8.0034, -47.1528



145.6660, 23.3357, -18.1241



150.2050, -4.0451, 37.5312



145.0450, -21.7142, 11.3615

Rectangle

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



135.7660, 8.0034, -47.1528



137.7780, 23.2804, -47.1633



150.2050, -4.0451, 37.5312



147.8610, -19.1585, 31.6939

Sweetspot

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



135.7660, 8.0034, -47.1528



199.3890, 3.2592, -18.7582



130.4770, -23.8992, -34.6213



99.0910, 1.9271, -11.4808



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



135.7660, 8.0034, -47.1528



170.7410, 12.4527, -74.3179



119.0680, 20.1795, -32.5086



76.4940, 0.7425, -4.8182



98.5330, 14.5272, -86.4134



10.4010, 1.7743, -9.1217

Inverse Universe

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



106.2340, -8.0034, 47.1528



124.1450, -12.8895, 74.4178



122.9320, -20.1795, 32.5086



73.5060, -0.7425, 4.8182



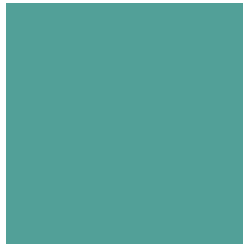
44.4670, -14.5272, 86.4134



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 135.7660, 8.0034, -47.1528 looks on a white background.

Color Contrast Check

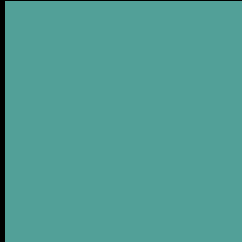
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7660, 8.0034, -47.1528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

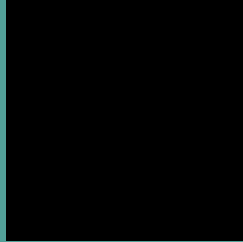
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7660, 8.0034, -47.1528

Background



This preview shows how black text looks on a background with the YUV color 135.7660, 8.0034, -47.1528.



This preview shows how white text looks on a background with the YUV color 135.7660, 8.0034,

-47.1528.

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

135.7660, 8.0034, -47.1528

Protanopia

146.6690, -1.3158, 2.0443

Deuteranopia

147.7820, 4.0515, 7.2072



Tritanopia

137.8510, 15.8495, -43.7193

Trichromacy



Original Color

135.7660, 8.0034, -47.1528

Protanomaly

142.7700, 2.0854, -15.5843

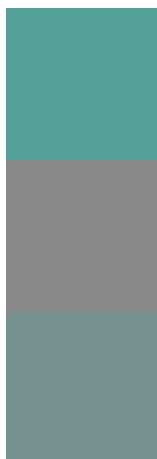
Deuteranomaly

143.7040, 5.5689, -12.8954

Tritanomaly

137.0420, 12.7973, -44.7638

Monochromacy



Original Color

135.7660, 8.0034, -47.1528

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9870, 2.9644, -17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7660, 8.0034, -47.1528 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(82, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(82, 160, 152)  
}
```

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(82, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 160, 152) }
```

Border

The CSS property to change the border of an element to YUV 135.7660, 8.0034, -47.1528 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(82, 160, 152) }
```


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

```
.border{ border-color:rgb(82, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(82, 160,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 135.7660, 8.0034, -47.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 160, 152) }
```

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

```
.background{ background-color: rgb(82, 160,  
152) }
```

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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