

Converting Colors

YUV(135.7610, 5.5408,
-50.6564)

Have a look what the booklet for
YUV(135.7610, 5.5408, -50.6564)
contains.

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Color

**YUV(135.7610, 5.5408,
-50.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA393
RGB	78, 163, 147
RGB Percent	31%, 64%, 58%
CMY	0.6941, 0.3608, 0.4235
CMYK	0.52, 0.00, 0.10, 0.36
HSL	169°, 35%, 47%
HSV	169°, 52%, 64%
XYZ	21.5055, 29.9207, 32.2456
YIQ	135.7610, -45.5240, -22.9960

Conversions

Conversions Part 2

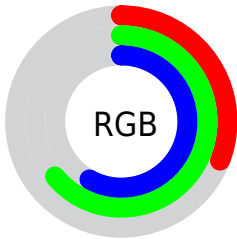
Format	Color
RYB	78, 125, 163
Decimal	5153683
CIELab	61.59, -29.74, 0.46
CIElCh	62, 29.747, 179.119
Yxy	29.9207, 0.2570, 0.3576
Android (android.graphics.Color)	4283343763 (0xFF4EA393)
YUV	135.7610, 5.5408, -50.6564
Hunter-Lab	54.6998, -25.5463, 3.3384

Details

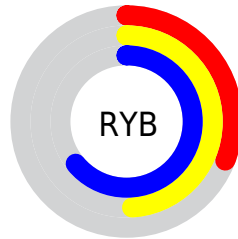
The YUV color **135.7610, 5.5408, -50.6564** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **105.2390, -5.5408, 50.6564**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6470, 5.1040, -50.5564**, and **79.5040, 8.6255, -60.0780** is the 20% darker color. If you saturate the color by 10%, you get **130.6350, 6.5889, -60.1929**, and if you desaturate by 10%, it is **140.8870, 4.4927, -41.1199**.

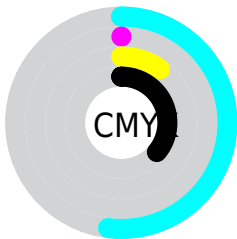
Distribution



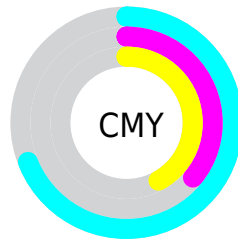
- Red (31%)
- Green (64%)
- Blue (58%)



- Red (31%)
- Yellow (49%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)




- Cyan (69%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7610, 5.5408, -50.6564 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 135.7610, 5.5408, -50.6564 by changing the saturation by 10% instead.

 135.7610, 5.5408,
-50.6564

 135.7610, 5.5408,
-50.6564

255.0000, 0.0000,
0.0000

 108.2770, 6.2724,
-51.9859

 190.6470, 5.1040,
-50.5564


 79.5040, 8.6255,
-60.0780

 219.2340, 4.8146,
-51.0712


 58.8040, 6.9986,
-51.5711


 235.5650, 9.5815,
-39.9605

 42.0940, 3.8977,
-36.9164

 244.2360, 5.3067,
-22.1320

 26.7860, 1.0915,
-23.4913

 252.9070, 1.0318,
-4.3034

 6.9130, -1.4361,
-6.0627

 0.0000, 0.0000,

0.0000

■ 135.7610, 5.5408,
-50.6564

■ 135.7610, 5.5408,
-50.6564

■ 130.6350, 6.5889,
-60.1929

■ 140.8870, 4.4927,
-41.1199

■ 125.2100, 7.7845,
-70.3442

■ 146.3120, 3.2972,
-30.9686

■ 120.0840, 8.8326,
-79.8807

■ 151.4380, 2.2491,
-21.4321

■ 114.9580, 9.8807,
-89.4172

■ 156.5640, 1.2009,
-11.8956

■ 110.7290, 10.4866,
-97.1093

■ 161.9890, 0.0054,
-1.7444

■ 167.1150, -1.0427,
7.7921

■ 172.2410, -2.0908,
17.3286

■ 177.4810, -2.7021,
26.7652

■ 182.9060, -3.8977,
36.9164

Harmonies

Analogous

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



140.3050, -9.5174, -27.4545



135.7610, 5.5408, -50.6564



132.1580, 20.1351, -65.0366

Triad

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



135.7610, 5.5408, -50.6564



150.7330, 21.8236, 0.2342



149.3730, -22.3689, 34.7529

Complementary

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



135.7610, 5.5408, -50.6564



105.2390, -5.5408, 50.6564

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.



150.8330, -13.2287, 43.1195



135.7610, 5.5408, -50.6564



152.2540, 11.7068, 25.2102

Square

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



135.7610, 5.5408, -50.6564



145.0390, 27.5888, -28.9752



152.1390, -0.5615, 40.2201



147.4650, -25.3722, 18.0092

Rectangle

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



135.7610, 5.5408, -50.6564



134.4880, 26.3814, -61.8180



152.1390, -0.5615, 40.2201



149.7910, -19.6170, 38.7713

Sweetspot

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



135.7610, 5.5408, -50.6564



201.0360, 1.9543, -20.2026



132.9780, -27.1042, -33.3067



100.5640, 1.2009, -11.8956



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



135.7610, 5.5408, -50.6564



169.0840, 8.8326, -79.8807



122.3230, 20.0538, -38.8713



79.0810, 0.4531, -5.3330



98.5670, 9.5805, -86.4433



12.1620, 0.9061, -10.6661

Inverse Universe

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



105.2390, -5.5408, 50.6564



120.9160, -8.8326, 79.8807



118.6770, -20.0538, 38.8713



75.9190, -0.4531, 5.3330



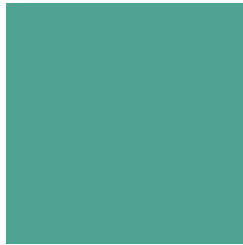
46.4330, -9.5805, 86.4433



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 135.7610, 5.5408, -50.6564 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 135.7610, 5.5408, -50.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

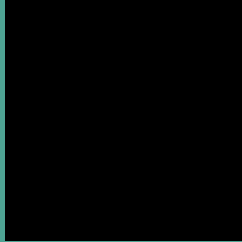
Any Text WCAG AA ✓ Pass

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 135.7610, 5.5408, -50.6564 Background



This preview shows how black text looks on a background with the YUV color 135.7610, 5.5408, -50.6564.



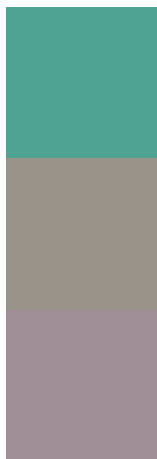
This preview shows how white text looks on a background with the YUV color 135.7610, 5.5408,

-50.6564.

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

135.7610, 5.5408, -50.6564

Protanopia

147.7680, -4.8156, 4.5885

Deuteranopia

149.2940, 0.8411, 10.2662



Tritanopia

138.6550, 16.4391, -46.1784

Trichromacy



Original Color

135.7610, 5.5408, -50.6564

Protanomaly

143.5590, -1.2616, -15.3992

Deuteranomaly

144.3190, 2.8007, -11.6808

Tritanomaly

137.3190, 12.6607, -47.6378

Monochromacy



Original Color

135.7610, 5.5408, -50.6564

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0470, 1.9488, -18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7610, 5.5408, -50.6564 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(78, 163, 147)` looks like.

```
.text, #text, p{  
    color:rgb(78, 163, 147)  
}
```

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(78, 163, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 163, 147) }
```

Border

The CSS property to change the border of an element to YUV 135.7610, 5.5408, -50.6564 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(78, 163, 147) }
```


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

```
.border{ border-color:rgb(78, 163, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 163, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 163, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 163, 147);  
box-shadow:4px 4px 4px 4px rgb(78, 163,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 135.7610, 5.5408, -50.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 163, 147) }
```

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

```
.background{ background-color: rgb(78, 163,  
147) }
```

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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