

Converting Colors

YUV(154.5190, 12.5621,
-62.7222)

Have a look what the booklet for
YUV(154.5190, 12.5621, -62.7222)
contains.

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Color

**YUV(154.5190, 12.5621,
-62.7222)**

Conversions

Conversions Part 1

Format	Color
Hex	53BAB4
RGB	83, 186, 180
RGB Percent	33%, 73%, 71%
CMY	0.6745, 0.2706, 0.2941
CMYK	0.55, 0.00, 0.03, 0.27
HSL	177°, 43%, 53%
HSV	177°, 55%, 73%
XYZ	29.3644, 40.2521, 49.4018
YIQ	154.5190, -59.4620, -23.7020

Conversions

Conversions Part 2

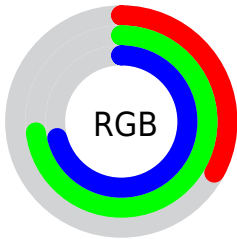
Format	Color
RYB	83, 136, 186
Decimal	5487284
CIELab	69.65, -31.16, -6.01
CIELCh	70, 31.739, 190.919
Yxy	40.2521, 0.2467, 0.3382
Android (android.graphics.Color)	4283677364 (0xFF53BAB4)
YUV	154.5190, 12.5621, -62.7222
Hunter-Lab	63.4445, -28.4118, -1.7556

Details

The YUV color **154.5190, 12.5621, -62.7222** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **114.4810, -12.5621, 62.7222**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7040, 11.9779, -62.0074**, and **91.9620, 17.2737, -80.6507** is the 20% darker color. If you saturate the color by 10%, you get **148.7240, 14.9261, -74.3029**, and if you desaturate by 10%, it is **160.3140, 10.1982, -51.1414**.

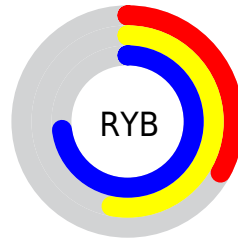
Distribution



Red (33%)

Green (73%)

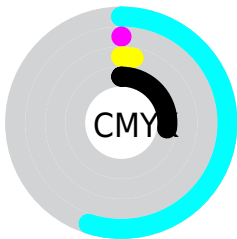
Blue (71%)



Red (33%)

Yellow (53%)

Blue (73%)

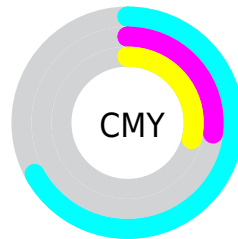


Cyan (55%)

Magenta (0%)

Yellow (3%)

Black (27%)



Cyan (67%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5190, 12.5621, -62.7222 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 154.5190, 12.5621, -62.7222 by changing the saturation by 10% instead.

■ 154.5190, 12.5621,
-62.7222

■ 154.5190, 12.5621,
-62.7222

■ 255.0000, 0.0000,
0.0000

■ 126.0240, 13.2992,
-65.7960

■ 211.7040, 11.9779,
-62.0074

■ 91.9620, 17.2737,
-80.6507

■ 229.5850, 12.5296,
-52.2560

■ 74.4370, 13.5886,
-65.2812

■ 238.2560, 8.2548,
-34.4275

■ 57.0260, 10.3402,
-50.0118

■ 247.2260, 3.8326,
-15.9842

■ 40.4300, 7.6760,
-35.4571

■ 25.5950, 4.1437,
-22.4468

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 154.5190, 12.5621,
-62.7222

■ 154.5190, 12.5621,
-62.7222

■ 148.7240, 14.9261,
-74.3029

■ 160.3140, 10.1982,
-51.1414

■ 143.2280, 17.1426,
-85.2690

■ 165.8100, 7.9817,
-40.1754

■ 137.4330, 19.5065,
-96.8497

■ 171.6050, 5.6177,
-28.5946

■ 131.9370, 21.7231,
-107.8157

■ 177.1010, 3.4012,
-17.6286

■ 129.1320, 22.6129,
-113.2488

■ 182.8960, 1.0373,
-6.0478

■ 188.8050, -0.8899,
5.4330

■ 194.3010, -3.1064,
16.3990

■ 200.0960, -5.4703,
27.9798

■ 205.5920, -7.6869,
38.9458

Harmonies

Analogous

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



159.1940, -4.5326, -39.6351



154.5190, 12.5621, -62.7222



154.0310, 26.1137, -69.3102

Triad

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



154.5190, 12.5621, -62.7222



173.6420, 19.8965, 11.7150



169.9120, -26.5786, 31.6492

Complementary

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



154.5190, 12.5621, -62.7222



114.4810, -12.5621, 62.7222

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.



171.7640, -18.6177, 44.9340



154.5190, 12.5621, -62.7222



174.5820, 7.6011, 35.4466

Square

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



154.5190, 12.5621, -62.7222



169.2190, 27.9930, -18.6091



173.6900, -6.2562, 46.7529



167.6660, -26.9503, 10.8169

Rectangle

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



154.5190, 12.5621, -62.7222



158.5360, 30.3018, -59.2291



173.6900, -6.2562, 46.7529



170.8140, -24.5583, 36.9971

Sweetspot

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



154.5190, 12.5621, -62.7222



229.5130, 5.1701, -25.0059



145.5540, -30.8391, -48.7209



114.7100, 3.1010, -14.6547



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



154.5190, 12.5621, -62.7222



193.1340, 19.6539, -97.4645



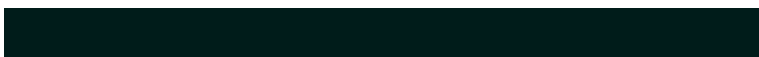
128.7880, 28.2055, -40.1561



89.1950, 0.8899, -5.4330



108.2160, 18.6275, -94.9054



19.4000, 3.2538, -17.0138

Inverse Universe

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



114.4810, -12.5621, 62.7222



130.9800, -19.2171, 97.3645



140.2120, -28.2055, 40.1561



85.6910, -1.3267, 5.5330



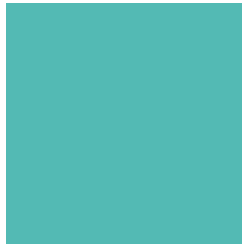
47.6700, -19.0643, 95.0054



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 154.5190, 12.5621, -62.7222 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 154.5190, 12.5621, -62.7222 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

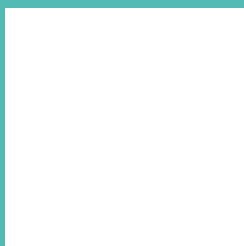
Any Text WCAG AAA ✓ Pass

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

YUV 154.5190, 12.5621, -62.7222 Background



This preview shows how black text looks on a background with the YUV color 154.5190, 12.5621, -62.7222.



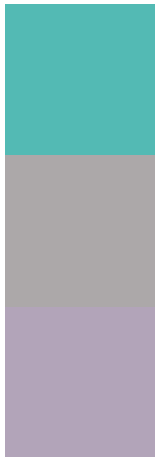
This preview shows how white text looks on a background with the YUV color 154.5190, 12.5621, -62.7222.

-62.7222.

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

154.5190, 12.5621, -62.7222

Protanopia

169.3100, -0.1528, 2.3591

Deuteranopia

170.5800, 7.1091, 6.5073



Tritanopia

156.9030, 20.2608, -58.6739

Trichromacy



Original Color

154.5190, 12.5621, -62.7222

Protanomaly

164.3070, 4.2856, -21.3172

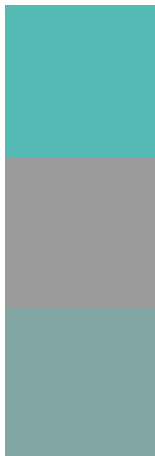
Deuteranomaly

164.5830, 9.0796, -18.9283

Tritanomaly

155.7950, 17.3561, -60.3332

Monochromacy



Original Color

154.5190, 12.5621, -62.7222

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7090, 4.5805, -22.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5190, 12.5621, -62.7222 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(83, 186, 180)` looks like.

```
.text, #text, p{  
    color:rgb(83, 186, 180)  
}
```

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(83, 186, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 186, 180) }
```

Border

The CSS property to change the border of an element to YUV 154.5190, 12.5621, -62.7222 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(83, 186, 180) }
```


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

```
.border{ border-color:rgb(83, 186, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 186, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 186, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 186, 180);  
box-shadow:4px 4px 4px 4px rgb(83, 186,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 154.5190, 12.5621, -62.7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 186, 180) }
```

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

```
.background{ background-color: rgb(83, 186,  
180) }
```

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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