

Converting Colors

YUV(154.4180, 12.6119,
-31.9386)

Have a look what the booklet for
YUV(154.4180, 12.6119, -31.9386)
contains.

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Color

**YUV(154.4180, 12.6119,
-31.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	76A8B4
RGB	118, 168, 180
RGB Percent	46%, 66%, 71%
CMY	0.5373, 0.3412, 0.2941
CMYK	0.34, 0.07, 0.00, 0.29
HSL	192°, 29%, 58%
HSV	192°, 34%, 71%
XYZ	29.7121, 35.1521, 48.3991
YIQ	154.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

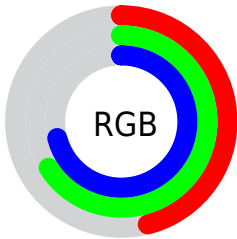
Format	Color
RYB	118, 146, 180
Decimal	7776436
CIELab	65.87, -13.53, -11.49
CIELCh	66, 17.751, 220.318
Yxy	35.1521, 0.2623, 0.3104
Android (android.graphics.Color)	4285966516 (0xFF76A8B4)
YUV	154.4180, 12.6119, -31.9386
Hunter-Lab	59.2892, -14.3030, -6.8973

Details

The YUV color **154.4180, 12.6119, -31.9386** is a light color, and the websafe version is hex **669999**. A complement of this color would be **143.5820, -12.6119, 31.9386**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2330, 13.1961, -32.6533**, and **102.3040, 12.1751, -31.8386** is the 20% darker color. If you saturate the color by 10%, you get **147.2750, 16.1334, -41.4602**, and if you desaturate by 10%, it is **161.5610, 9.0904, -22.4170**.

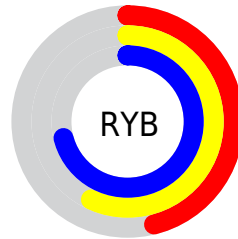
Distribution



Red (46%)

Green (66%)

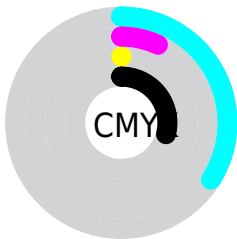
Blue (71%)



Red (46%)

Yellow (57%)

Blue (71%)

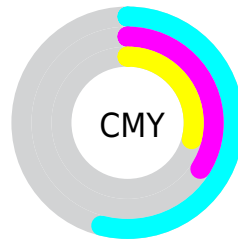


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4180, 12.6119, -31.9386 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 154.4180, 12.6119, -31.9386 by changing the saturation by 10% instead.

■ 154.4180, 12.6119,
-31.9386

■ 154.4180, 12.6119,
-31.9386

255.0000, 0.0000,
0.0000

■ 128.3040, 12.1751,
-31.8386

■ 209.2330, 13.1961,
-32.6533

■ 102.3040, 12.1751,
-31.8386

■ 236.7940, 8.9756,
-32.2683

■ 77.0050, 12.3225,
-32.4534

■ 247.2260, 3.8326,
-15.9842

■ 51.4990, 13.0650,
-37.2716

■ 32.6850, 11.0013,
-28.6647

■ 19.1380, 7.3270,
-16.7840

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 154.4180, 12.6119,
-31.9386

■ 154.4180, 12.6119,
-31.9386

■ 147.2750, 16.1334,
-41.4602

■ 161.5610, 9.0904,
-22.4170

■ 139.5450, 19.9443,
-50.4670

■ 169.2910, 5.2795,
-13.4102

■ 132.4020, 23.4658,
-59.9886

■ 176.4340, 1.7580,
-3.8886

■ 124.6720, 27.2767,
-68.9953

■ 184.1640, -2.0529,
5.1182

■ 117.5290, 30.7982,
-78.5169

■ 191.3070, -5.5744,
14.6398

■ 109.7990, 34.6091,
-87.5237

■ 199.0370, -9.3852,
23.6466

■ 105.6350, 36.6619,
-92.6419

■ 206.1800,
-12.9067, 33.1681

■ 211.8170,
-15.6858, 37.8715

■ 213.5780,
-16.5540, 36.3271

Harmonies

Analogous

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



153.5940, 5.6232, -30.3389



154.4180, 12.6119, -31.9386



157.0860, 16.2266, -24.6314

Triad

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



154.4180, 12.6119, -31.9386



162.8590, 4.0135, 19.4177



159.1460, -14.8620, 6.8880

Complementary

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



154.4180, 12.6119, -31.9386



143.5820, -12.6119, 31.9386

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.



160.2230, -14.8999, 19.0984



154.4180, 12.6119, -31.9386



162.8400, -3.8651, 26.4503

Square

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



154.4180, 12.6119, -31.9386



162.2040, 10.7454, 6.8371



161.7060, -10.7011, 25.6908



156.7960, -10.7454, -6.8371

Rectangle

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



154.4180, 12.6119, -31.9386



158.8530, 16.3415, -14.7801



161.7060, -10.7011, 25.6908



159.3530, -15.4570, 11.0914

Sweetspot

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



154.4180, 12.6119, -31.9386



224.8890, 4.9847, -12.1807



155.6480, -13.1375, -33.0173



111.6400, 2.6425, -7.5773



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



154.4180, 12.6119, -31.9386



194.8440, 19.7969, -49.8522



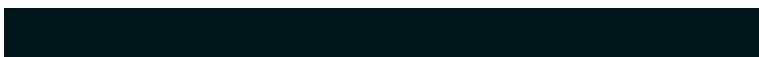
136.8080, 21.2937, -16.4946



85.7220, 1.6161, -5.0182



89.6430, 31.2350, -78.6169



15.2910, 5.2795, -13.4102

Inverse Universe

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



142.2380, 12.7007, 33.1173



175.8950, 19.7718, 51.8351



161.1920, -21.2937, 16.4946



83.6030, 2.1677, 4.7332



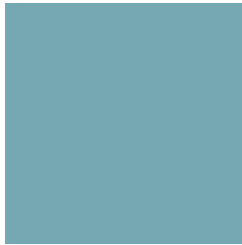
59.7690, 31.1729, 81.7636



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 154.4180, 12.6119, -31.9386 looks on a white background.

Color Contrast Check

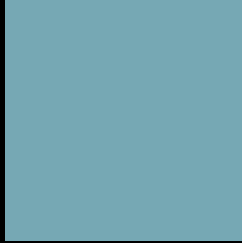
Large Text (above 18pt) WCAG AA × Fail

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 154.4180, 12.6119, -31.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

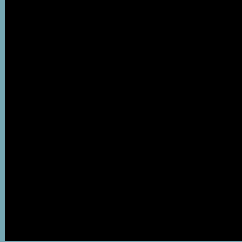
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.4180, 12.6119, -31.9386

Background



This preview shows how black text looks on a background with the YUV color 154.4180, 12.6119, -31.9386.



This preview shows how white text looks on a background with the YUV color 154.4180, 12.6119, -31.9386.

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

154.4180, 12.6119, -31.9386

Protanopia

159.8240, 6.9888, -1.5996

Deuteranopia

160.8830, 10.9037, 2.7336



Tritanopia

154.5320, 13.0487, -32.0386

Trichromacy



Original Color

154.4180, 12.6119, -31.9386

Protanomaly

157.9150, 8.9159, -13.0805

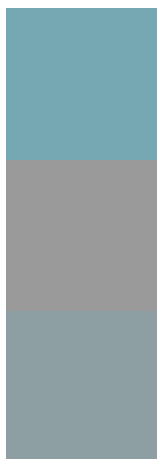
Deuteranomaly

158.6210, 11.5258, -10.1916

Tritanomaly

154.5320, 13.0487, -32.0386

Monochromacy



Original Color

154.4180, 12.6119, -31.9386

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0740, 4.4005, -11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4180, 12.6119, -31.9386 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(118, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(118, 168, 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(118, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 168, 180) }
```

Border

The CSS property to change the border of an element to YUV 154.4180, 12.6119, -31.9386 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(118, 168, 180) }
```


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

```
.border{ border-color:rgb(118, 168, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 168, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(118, 168,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 154.4180, 12.6119, -31.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 168, 180) }
```

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

```
.background{ background-color: rgb(118,  
168, 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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