

Converting Colors

YUV(150.7040, -4.7841,
-52.3604)

Have a look what the booklet for
YUV(150.7040, -4.7841, -52.3604)
contains.

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Color

**YUV(150.7040, -4.7841,
-52.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB78D
RGB	91, 183, 141
RGB Percent	36%, 72%, 55%
CMY	0.6431, 0.2824, 0.4471
CMYK	0.50, 0.00, 0.23, 0.28
HSL	153°, 39%, 54%
HSV	153°, 50%, 72%
XYZ	26.0556, 38.0142, 31.1635
YIQ	150.7040, -41.3500, -32.5660

Conversions

Conversions Part 2

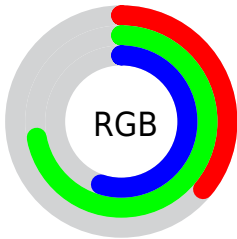
Format	Color
RYB	91, 151, 183
Decimal	6010765
CIELab	68.03, -37.40, 13.08
CIElCh	68, 39.618, 160.725
Yxy	38.0142, 0.2736, 0.3992
Android (android.graphics.Color)	4284200845 (0xFF5BB78D)
YUV	150.7040, -4.7841, -52.3604
Hunter-Lab	61.6557, -32.4636, 13.1912

Details

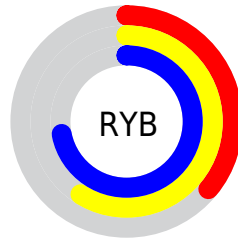
The YUV color **150.7040, -4.7841, -52.3604** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **123.2960, 4.7841, 52.3604**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0630, -5.9471, -52.6753**, and **95.3660, -2.1524, -56.4490** is the 20% darker color. If you saturate the color by 10%, you get **144.4100, -5.6251, -62.6266**, and if you desaturate by 10%, it is **156.9980, -3.9430, -42.0942**.

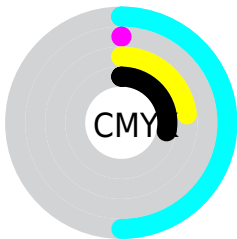
Distribution



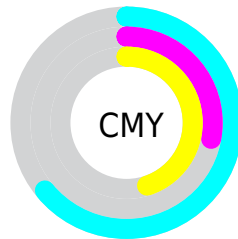
- Red (36%)
- Green (72%)
- Blue (55%)



- Red (36%)
- Yellow (59%)
- Blue (72%)



- Cyan (50%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)




- Cyan (64%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7040, -4.7841, -52.3604 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 150.7040, -4.7841, -52.3604 by changing the saturation by 10% instead.


 150.7040, -4.7841,
-52.3604

 150.7040, -4.7841,
-52.3604


255.0000, 0.0000,
0.0000

 123.5190, -4.1999,
-53.0752


 207.0630, -5.9471,
-52.6753


 95.3660, -2.1524,
-56.4490


 227.4320, -2.1850,
-45.9829


 68.6860, -0.8312,
-60.2376

 239.2950, 5.7706,
-30.9537

 51.5030, -3.2060,
-45.1681

 248.4220, 3.2430,
-13.5251

 35.0210, -5.4334,
-30.7134

 20.5450, -10.1287,
-18.0180

 0.0000, 0.0000,

0.0000

■ 150.7040, -4.7841,
-52.3604

■ 150.7040, -4.7841,
-52.3604

■ 144.4100, -5.6251,
-62.6266

■ 156.9980, -3.9430,
-42.0942

■ 137.7030, -6.7556,
-73.4075

■ 163.7050, -2.8126,
-31.3133

■ 131.4090, -7.5966,
-83.6737

■ 169.9990, -1.9715,
-21.0471

■ 125.1150, -8.4377,
-93.9399

■ 176.2930, -1.1304,
-10.7810

■ 118.7070, -9.7156,
-104.1060

■ 183.0000, 0.0000,
0.0000

■ 189.2940, 0.8411,
10.2662

■ 195.5880, 1.6821,
20.5323

■ 201.9960, 2.9600,
30.6985

■ 208.2900, 3.8010,
40.9647

Harmonies

Analogous

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



157.4020, -23.3692, -17.8926



150.7040, -4.7841, -52.3604



135.7640, 20.8223, -98.8940

Triad

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



150.7040, -4.7841, -52.3604



163.8250, 35.5823, -26.1565



167.0920, -22.7234, 55.1703

Complementary

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



150.7040, -4.7841, -52.3604



123.2960, 4.7841, 52.3604

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.



168.8270, -7.3097, 58.0337



150.7040, -4.7841, -52.3604



169.9180, 24.6904, 14.1039

Square

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



150.7040, -4.7841, -52.3604



149.3090, 41.2597, -73.9390



170.5060, 9.6105, 44.2832



165.0500, -32.5626, 37.6672

Rectangle

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



150.7040, -4.7841, -52.3604



130.9220, 34.5485, -114.8186



170.5060, 9.6105, 44.2832



167.3680, -17.9294, 57.5593

Sweetspot

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



150.7040, -4.7841, -52.3604



224.7110, -1.8295, -19.9175



157.8610, -32.9625, -20.9261



112.2820, -1.1250, -12.5253



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



150.7040, -4.7841, -52.3604



187.1320, -7.4601, -80.7998



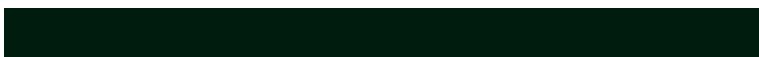
153.7310, 14.4296, -55.0151



88.8530, -0.4205, -5.1331



101.2620, -8.0172, -88.8068



18.1460, -1.5510, -15.9140

Inverse Universe

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



123.2960, 4.7841, 52.3604



144.8680, 7.4601, 80.7998



120.2690, -14.4296, 55.0151



86.1470, 0.4205, 5.1331



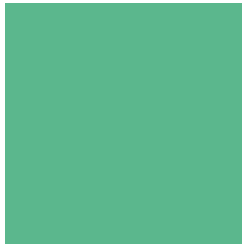
54.7380, 8.0172, 88.8068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 150.7040, -4.7841, -52.3604 looks on a white background.

Color Contrast Check

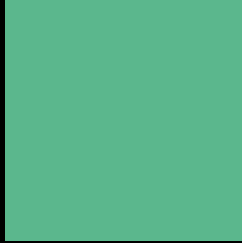
Large Text (above 18pt) WCAG AA × Fail

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 150.7040, -4.7841, -52.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

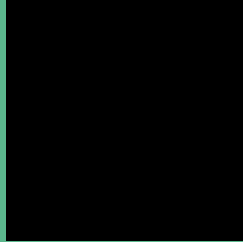
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.7040, -4.7841, -52.3604

Background



This preview shows how black text looks on a background with the YUV color 150.7040, -4.7841, -52.3604.



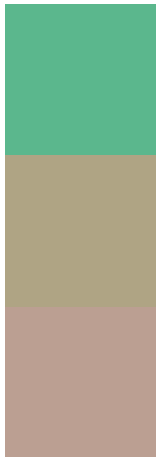
This preview shows how white text looks on a background with the YUV color 150.7040, -4.7841, -52.3604.

-52.3604.

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

150.7040, -4.7841, -52.3604

Protanopia

163.6410, -15.5990, 9.9618

Deuteranopia

165.8900, -9.8058, 18.5135



Tritanopia

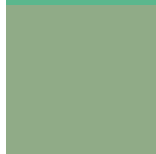
156.4810, 17.0179, -45.1488

Trichromacy



Original Color

150.7040, -4.7841, -52.3604



Protanomaly

158.8230, -11.7447, -12.9998



Deuteranomaly

160.4800, -8.1246, -7.4370



Tritanomaly

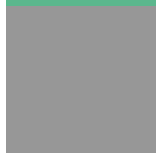
154.6950, 9.0244, -47.9675

Monochromacy



Original Color

150.7040, -4.7841, -52.3604



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0100, -1.9769, -19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7040, -4.7841, -52.3604 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(91, 183, 141)` looks like.

```
.text, #text, p{  
    color:rgb(91, 183, 141)  
}
```

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(91, 183, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 183, 141) }
```

Border

The CSS property to change the border of an element to YUV 150.7040, -4.7841, -52.3604 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(91, 183, 141) }
```


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

```
.border{ border-color:rgb(91, 183, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 183, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 183, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 183, 141);  
box-shadow:4px 4px 4px 4px rgb(91, 183,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 150.7040, -4.7841, -52.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 183, 141) }
```

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

```
.background{ background-color: rgb(91, 183,  
141) }
```

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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