

Converting Colors

YUV(120.5230, 6.6442,
-31.1537)

Have a look what the booklet for
YUV(120.5230, 6.6442, -31.1537)
contains.

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Color

**YUV(120.5230, 6.6442,
-31.1537)**

Conversions

Conversions Part 1

Format	Color
Hex	558886
RGB	85, 136, 134
RGB Percent	33%, 53%, 53%
CMY	0.6667, 0.4667, 0.4745
CMYK	0.38, 0.00, 0.01, 0.47
HSL	178°, 23%, 43%
HSV	178°, 38%, 53%
XYZ	16.8535, 21.2608, 25.7697
YIQ	120.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

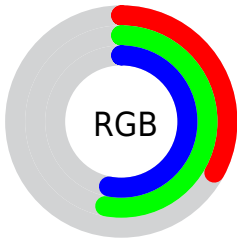
Format	Color
RYB	85, 111, 136
Decimal	5605510
CIELab	53.23, -17.52, -4.34
CIELCh	53, 18.050, 193.925
Yxy	21.2608, 0.2638, 0.3328
Android (android.graphics.Color)	4283795590 (0xFF558886)
YUV	120.5230, 6.6442, -31.1537
Hunter-Lab	46.1095, -15.4478, -0.8594

Details

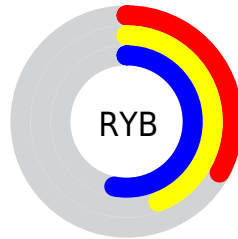
The YUV color **120.5230, 6.6442, -31.1537** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **100.4770, -6.6442, 31.1537**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2240, 6.7916, -31.7684**, and **70.2240, 6.7916, -31.7684** is the 20% darker color. If you saturate the color by 10%, you get **116.2230, 8.2711, -39.6606**, and if you desaturate by 10%, it is **124.8230, 5.0173, -22.6468**.

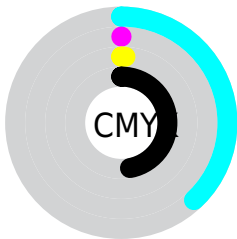
Distribution



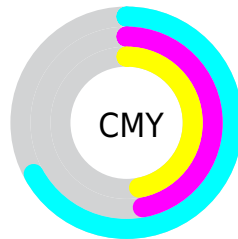
- Red (33%)
- Green (53%)
- Blue (53%)



- Red (33%)
- Yellow (44%)
- Blue (53%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5230, 6.6442, -31.1537 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 120.5230, 6.6442, -31.1537 by changing the saturation by 10% instead.

■ 120.5230, 6.6442,
-31.1537

■ 120.5230, 6.6442,
-31.1537

■ 255.0000, 0.0000,
0.0000

■ 95.5230, 6.6442,
-31.1537

■ 173.2240, 6.7916,
-31.7684

■ 70.2240, 6.7916,
-31.7684

■ 200.9250, 6.9390,
-32.3832

■ 44.8320, 7.9708,
-36.6867

■ 229.5120, 6.6496,
-32.8980

■ 28.0400, 5.8963,
-24.5911

■ 244.5350, 5.1592,
-21.5172

■ 13.9060, 2.5113,
-12.1956

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 120.5230, 6.6442,
-31.1537

■ 120.5230, 6.6442,
-31.1537

■ 116.2230, 8.2711,
-39.6606

■ 124.8230, 5.0173,
-22.6468

■ 112.3360, 10.1874,
-47.6527

■ 128.7100, 3.1010,
-14.6547

■ 108.0360, 11.8143,
-56.1596

■ 133.0100, 1.4741,
-6.1478

■ 104.1490, 13.7305,
-64.1517

■ 136.8970, -0.4422,
1.8443

■ 99.8490, 15.3574,
-72.6586

■ 141.1970, -2.0691,
10.3512

■ 95.6630, 17.4211,
-81.2655

■ 145.3830, -4.1328,
18.9581

■ 94.7660, 17.8634,
-83.1098

■ 149.3840, -5.6123,
26.8502

■ 153.5700, -7.6760,

35.4571

■ 157.5710, -9.1555,
43.3492

Harmonies

Analogous

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



121.7000, -1.8241, -21.6619



120.5230, 6.6442, -31.1537



121.5320, 13.0487, -32.0386

Triad

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



120.5230, 6.6442, -31.1537



129.6880, 10.0138, 8.1666



127.0270, -14.3103, 16.6393

Complementary

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



120.5230, 6.6442, -31.1537



100.4770, -6.6442, 31.1537

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.



128.5810, -11.1324, 24.0465



120.5230, 6.6442, -31.1537



129.9300, 2.9925, 20.2324

Square

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



120.5230, 6.6442, -31.1537



127.4410, 14.5726, -7.4028



129.3130, -4.5913, 26.0355



125.3630, -13.9830, 4.9436

Rectangle

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



120.5230, 6.6442, -31.1537



122.6620, 15.9426, -26.8906



129.3130, -4.5913, 26.0355



127.8640, -13.7370, 19.4133

Sweetspot

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



120.5230, 6.6442, -31.1537



170.2050, 2.3639, -11.5808



115.8340, -15.2012, -24.4104



85.7110, 1.6215, -6.7625



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



120.5230, 6.6442, -31.1537



152.0370, 10.3348, -48.2674



107.2500, 14.1737, -19.5133



66.9070, 1.0318, -4.3034



92.5490, 16.9843, -81.1655



3.5050, 0.7370, -3.0739

Inverse Universe

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



100.4770, -6.6442, 31.1537



120.9630, -10.3348, 48.2674



113.7500, -14.1738, 19.5132



64.0930, -1.0318, 4.3034



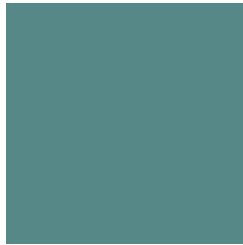
40.3370, -17.4211, 81.2655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 120.5230, 6.6442, -31.1537 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 120.5230, 6.6442, -31.1537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

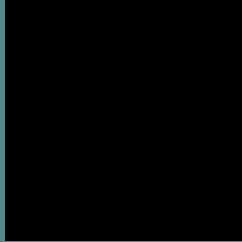
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.5230, 6.6442, -31.1537

Background



This preview shows how black text looks on a background with the YUV color 120.5230, 6.6442, -31.1537.



This preview shows how white text looks on a background with the YUV color 120.5230, 6.6442,

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

120.5230, 6.6442, -31.1537

Protanopia

126.8260, 0.5788, 1.0296

Deuteranopia

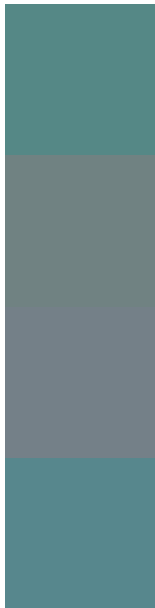
127.8850, 4.4937, 5.3629



Tritanopia

121.5000, 11.5855, -29.3795

Trichromacy



Original Color

120.5230, 6.6442, -31.1537

Protanomaly

124.6180, 2.6533, -11.0660

Deuteranomaly

125.3240, 5.2633, -8.1771

Tritanomaly

121.3320, 9.6963, -30.1092

Monochromacy



Original Color

120.5230, 6.6442, -31.1537

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5230, 6.6442, -31.1537 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(85, 136, 134)` looks like.

```
.text, #text, p{  
    color:rgb(85, 136, 134)  
}
```

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(85, 136, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 136, 134) }
```

Border

The CSS property to change the border of an element to YUV 120.5230, 6.6442, -31.1537 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(85, 136, 134) }
```


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

```
.border{ border-color:rgb(85, 136, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 136, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 136, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 136, 134);  
box-shadow:4px 4px 4px 4px rgb(85, 136,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 120.5230, 6.6442, -31.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 136, 134) }
```

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

```
.background{ background-color: rgb(85, 136,  
134) }
```

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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