

Converting Colors

YUV(120.9950, -29.5775,
-33.3216)

Have a look what the booklet for
YUV(120.9950, -29.5775, -33.3216)
contains.

YUV(120.9950, -29.5775, -33.3216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.9950, -29.5775,
-33.3216)**

Conversions

Conversions Part 1

Format	Color
Hex	53983D
RGB	83, 152, 61
RGB Percent	33%, 60%, 24%
CMY	0.6745, 0.4039, 0.7608
CMYK	0.45, 0.00, 0.60, 0.40
HSL	105°, 43%, 42%
HSV	105°, 60%, 60%
XYZ	15.6378, 24.6324, 8.3452
YIQ	120.9950, -11.9130, -42.9290

Conversions

Conversions Part 2

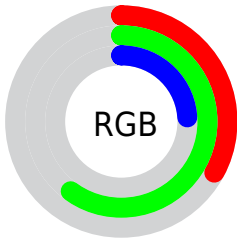
Format	Color
R_{YB}	61, 152, 130
Decimal	5478461
CIE _{Lab}	56.72, -39.45, 40.42
CIE _{LCh}	57, 56.479, 134.307
Yxy	24.6324, 0.3217, 0.5067
Android (android.graphics.Color)	4283668541 (0xFF53983D)
YUV	120.9950, -29.5775, -33.3216
Hunter-Lab	49.6310, -30.6123, 24.7724

Details

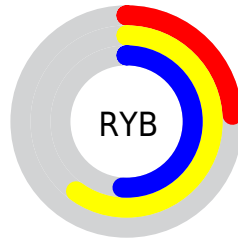
The YUV color **120.9950, -29.5775, -33.3216** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **92.0050, 29.5775, 33.3216**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2400, -31.1773, -33.5365**, and **67.2720, -29.7141, -36.1955** is the 20% darker color. If you saturate the color by 10%, you get **115.6970, -34.3606, -39.1993**, and if you desaturate by 10%, it is **126.2930, -24.7944, -27.4440**.

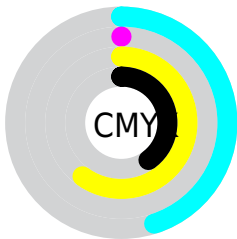
Distribution



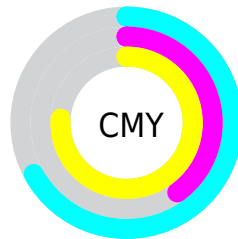
- Red (33%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (51%)



- Cyan (45%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9950, -29.5775, -33.3216 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 120.9950, -29.5775, -33.3216 by changing the saturation by 10% instead.

■ 120.9950,
-29.5775, -33.3216

■ 120.9950,
-29.5775, -33.3216

■ 255.0000, 0.0000,
0.0000

■ 94.8100, -28.9933,
-34.0364

■ 175.2400,
-31.1773, -33.5365

■ 67.2720, -29.7141,
-36.1955

■ 203.0120,
-32.0509, -33.3365

■ 44.6120, -21.9937,
-39.1247

■ 226.2020,
-30.1726, -29.1182

■ 30.5240, -15.0483,
-26.7695

■ 237.9510,
-22.6538, -13.9890

■ 18.1970, -8.9711,
-15.9588

■ 249.9280,
-14.2615, 0.9401

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 120.9950,
-29.5775, -33.3216

■ 120.9950,
-29.5775, -33.3216

■ 115.6970,
-34.3606, -39.1993

■ 126.2930,
-24.7944, -27.4440

■ 110.6980,
-39.2911, -44.4621

■ 131.2920,
-19.8640, -22.1811

■ 105.2860,
-44.5110, -50.2398

■ 136.7040,
-14.6441, -16.4034

■ 100.2870,
-49.4415, -55.5027

■ 141.7030, -9.7136,
-11.1405

■ 147.0010, -4.9305,
-5.2629

■ 152.0000, 0.0000,
0.0000

■ 157.2980, 4.7831,
5.8777

■ 162.4110, 10.1504,
11.0406

■ 167.7090, 14.9335,
16.9182

Harmonies

Analogous

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



127.5200, -49.0634, 10.0680



120.9950, -29.5775, -33.3216



105.0580, 1.4504, -92.1359

Triad

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



120.9950, -29.5775, -33.3216



113.7970, 57.7811, -99.8000



133.4000, -9.5642, 81.2102

Complementary

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



120.9950, -29.5775, -33.3216



92.0050, 29.5775, 33.3216

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.



137.2620, 13.1818, 65.5452



120.9950, -29.5775, -33.3216



130.2220, 50.1766, -40.5367

Square

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



120.9950, -29.5775, -33.3216



115.4150, 43.6724, -101.2190



140.4600, 32.8042, 25.0296



132.9000, -31.5027, 71.1247

Rectangle

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



120.9950, -29.5775, -33.3216



110.1080, 15.7228, -96.5647



140.4600, 32.8042, 25.0296



134.1530, -1.5544, 78.7958

Sweetspot

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



120.9950, -29.5775, -33.3216



184.2360, -11.4553, -12.4850



128.1250, -33.0926, 20.9384



91.8220, -6.8142, -7.7369



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



120.9950, -29.5775, -33.3216



147.9330, -45.8160, -51.6842



117.0390, -16.2882, -49.1462



74.2940, -2.6099, -2.8888



92.3460, -45.5266, -51.1694



8.5280, -4.2043, -4.8481

Inverse Universe

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



92.0050, 29.5775, 33.3216



103.0670, 45.8160, 51.6842



95.9610, 16.2882, 49.1462



71.7060, 2.6099, 2.8888



47.6540, 45.5266, 51.1694



4.4720, 4.2043, 4.8481

Previews

White Background



This preview shows how the YUV color 120.9950, -29.5775, -33.3216 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 120.9950, -29.5775, -33.3216 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 120.9950, -29.5775, -33.3216 Background



This preview shows how black text looks on a background with the YUV color 120.9950, -29.5775, -33.3216.



This preview shows how white text looks on a background with the YUV color 120.9950, -29.5775, -33.3216.

-33.3216.

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

120.9950, -29.5775, -33.3216

Protanopia

131.3650, -37.1549, 17.2199

Deuteranopia

133.4080, -32.2461, 29.4602



Tritanopia

131.3970, 11.1433, -27.5352

Trichromacy



Original Color

120.9950, -29.5775, -33.3216

Protanomaly

127.6400, -34.3325, -1.4383

Deuteranomaly

128.4930, -31.3020, 6.5836

Tritanomaly

127.4880, -3.6916, -29.3690

Monochromacy



Original Color

120.9950, -29.5775, -33.3216

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7630, -10.7292, -12.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9950, -29.5775, -33.3216 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, 152, 61)` looks like.

```
.text, #text, p{  
    color:rgb(83, 152, 61)  
}
```

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, 152, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 152, 61) }
```

Border

The CSS property to change the border of an element to YUV 120.9950, -29.5775, -33.3216 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, 152, 61) }
```


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

```
.border{ border-color:rgb(83, 152, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 152, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 152, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 152, 61);  
box-shadow:4px 4px 4px 4px rgb(83, 152,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 120.9950, -29.5775, -33.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 152, 61) }
```

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

```
.background{ background-color: rgb(83, 152,  
61) }
```

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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