

Converting Colors

YUV(109.9320, -13.7705,
-16.6034)

Have a look what the booklet for
YUV(109.9320, -13.7705, -16.6034)
contains.

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Color

**YUV(109.9320, -13.7705,
-16.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7D52
RGB	91, 125, 82
RGB Percent	36%, 49%, 32%
CMY	0.6431, 0.5098, 0.6784
CMYK	0.27, 0.00, 0.34, 0.51
HSL	107°, 21%, 41%
HSV	107°, 34%, 49%
XYZ	13.1710, 17.5006, 10.6664
YIQ	109.9320, -6.4610, -20.5810

Conversions

Conversions Part 2

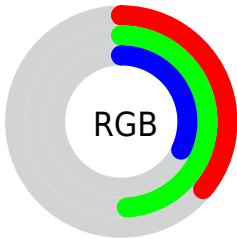
Format	Color
R_{YB}	82, 125, 116
Decimal	5995858
CIE _{Lab}	48.88, -20.94, 19.67
CIE _{LCh}	49, 28.729, 136.780
Yxy	17.5006, 0.3186, 0.4234
Android (android.graphics.Color)	4284185938 (0xFF5B7D52)
YUV	109.9320, -13.7705, -16.6034
Hunter-Lab	41.8337, -17.0097, 14.1663

Details

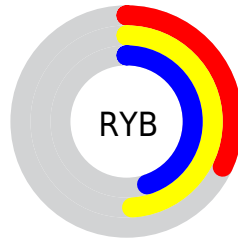
The YUV color **109.9320, -13.7705, -16.6034** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **97.0680, 13.7705, 16.6034**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9920, -14.7861, -17.5330**, and **61.5730, -12.6075, -16.2885** is the 20% darker color. If you saturate the color by 10%, you get **105.5740, -17.5380, -21.5514**, and if you desaturate by 10%, it is **114.4040, -9.5662, -11.7553**.

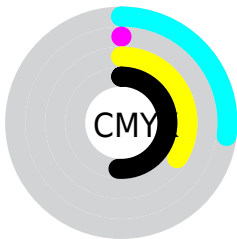
Distribution



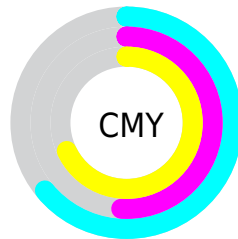
- Red (36%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (45%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9320, -13.7705, -16.6034 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 109.9320, -13.7705, -16.6034 by changing the saturation by 10% instead.

■ 109.9320,
-13.7705, -16.6034

■ 109.9320,
-13.7705, -16.6034

■ 255.0000, 0.0000,
0.0000

■ 85.4590, -13.0443,
-16.1885

■ 161.9920,
-14.7861, -17.5330

■ 61.5730, -12.6075,
-16.2885

■ 188.8780,
-15.2229, -17.4330

■ 38.8010, -11.7339,
-16.4885

■ 217.0520,
-15.8016, -18.4626

■ 18.7840, -9.2605,
-16.4736

■ 241.2420,
-13.9233, -14.2442

■ 0.0000, 0.0000,
0.0000

■ 252.8060, -5.8204,
0.1701

■ 109.9320,
-13.7705, -16.6034

■ 109.9320,
-13.7705, -16.6034

■ 105.5740,
-17.5380, -21.5514

■ 114.4040, -9.5662,
-11.7553

■ 101.1020,
-21.7423, -26.3995

■ 118.7620, -5.7987,
-6.8073

■ 96.7440, -25.5098,
-31.3475

■ 123.2340, -1.5944,
-1.9592

■ 92.2720, -29.7141,
-36.1955

■ 127.5920, 2.1731,
2.9888

■ 88.2130, -33.6290,
-40.5288

■ 131.7650, 6.5249,
7.2221

■ 83.7410, -37.8333,
-45.3769

■ 136.1230, 10.2924,
12.1701

■ 81.1490, -40.0065,
-48.3657

■ 140.5950, 14.4967,
17.0182

■ 144.9530, 18.2642,

21.9662

■ 149.4250, 22.4685,
26.8143

Harmonies

Analogous

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



113.0010, -21.6925, 4.3841



109.9320, -13.7705, -16.6034



104.9320, -0.4595, -39.4054

Triad

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



109.9320, -13.7705, -16.6034



108.4350, 26.9005, -41.6005



118.3040, -7.5449, 40.0754

Complementary

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



109.9320, -13.7705, -16.6034



97.0680, 13.7705, 16.6034

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.



119.0610, 4.4069, 33.2725



109.9320, -13.7705, -16.6034



116.2970, 23.0246, -11.6615

Square

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



109.9320, -13.7705, -16.6034



96.5470, 26.8453, -70.6397



119.3990, 15.0863, 14.5591



117.0510, -17.2801, 35.9123

Rectangle

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



109.9320, -13.7705, -16.6034



100.2810, 10.2145, -56.3744



119.3990, 15.0863, 14.5591



118.3300, -3.6137, 39.1756

Sweetspot

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



109.9320, -13.7705, -16.6034



157.2890, -5.0725, -6.3925



114.8150, -16.1778, 8.9322



78.4680, -3.1887, -3.9184



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



109.9320, -13.7705, -16.6034



139.5150, -21.4529, -25.8847



108.6090, -7.2022, -23.3361



61.7070, -2.3206, -2.3740



83.2090, -41.0220, -49.2953



0.0000, 0.0000, 0.0000

Inverse Universe

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



97.0680, 13.7705, 16.6034



119.4850, 21.4529, 25.8847



98.3910, 7.2022, 23.3361



59.2930, 2.3206, 2.3740



44.7910, 41.0220, 49.2953



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.9320, -13.7705, -16.6034 looks on a white 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

Black Background



This preview shows how the YUV color 109.9320, -13.7705, -16.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

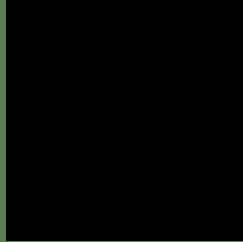
Any Text WCAG AA ✓ Pass

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 109.9320, -13.7705, -16.6034 Background



This preview shows how black text looks on a background with the YUV color 109.9320, -13.7705, -16.6034.



This preview shows how white text looks on a background with the YUV color 109.9320, -13.7705, -16.6034.

-16.6034.

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

109.9320, -13.7705, -16.6034

Protanopia

114.3590, -17.9250, 9.3322

Deuteranopia

115.8100, -15.1893, 18.5836



Tritanopia

114.1600, 7.3161, -13.2953

Trichromacy



Original Color

109.9320, -13.7705, -16.6034

Protanomaly

112.6460, -16.5875, 0.3105

Deuteranomaly

113.5480, -14.5672, 5.6584

Tritanomaly

112.4990, -0.2460, -14.4696

Monochromacy



Original Color

109.9320, -13.7705, -16.6034

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7020, -4.7831, -5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9320, -13.7705, -16.6034 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, 125, 82)` looks like.

```
.text, #text, p{  
    color:rgb(91, 125, 82)  
}
```

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, 125, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 125, 82) }
```

Border

The CSS property to change the border of an element to YUV 109.9320, -13.7705, -16.6034 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, 125, 82) }
```


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

```
.border{ border-color:rgb(91, 125, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 125, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 125, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 125, 82);  
box-shadow:4px 4px 4px 4px rgb(91, 125,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 109.9320, -13.7705, -16.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 125, 82) }
```

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

```
.background{ background-color: rgb(91, 125,  
82) }
```

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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