

Converting Colors

YUV(78.0750, -34.0540, 2.5652)

Have a look what the booklet for
YUV(78.0750, -34.0540, 2.5652)
contains.

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Color

**YUV(78.0750, -34.0540,
2.5652)**

Conversions

Conversions Part 1

Format	Color
Hex	515A09
RGB	81, 90, 9
RGB Percent	32%, 35%, 4%
CMY	0.6824, 0.6471, 0.9647
CMYK	0.10, 0.00, 0.90, 0.65
HSL	67°, 82%, 19%
HSV	67°, 90%, 35%
XYZ	7.0988, 9.0814, 1.6372
YIQ	78.0750, 20.6370, -27.0990

Conversions

Conversions Part 2

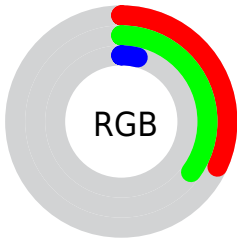
Format	Color
R_YB	9, 90, 18
Decimal	5331465
CIE Lab	36.14, -14.18, 40.53
CIE LCh	36, 42.942, 109.280
Yxy	9.0814, 0.3984, 0.5097
Android (android.graphics.Color)	4283521545 (0xFF515A09)
YUV	78.0750, -34.0540, 2.5652
Hunter-Lab	30.1353, -10.6886, 17.8737

Details

The YUV color **78.0750, -34.0540, 2.5652** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **20.9250, 34.0540, -2.5652**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9010, -33.4752, 3.5948**, and **35.9830, -17.7396, -3.4931** is the 20% darker color. If you saturate the color by 10%, you get **76.7500, -37.8377, 2.8502**, and if you desaturate by 10%, it is **79.4000, -30.2702, 2.2802**.

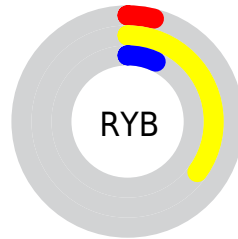
Distribution



Red (32%)

Green (35%)

Blue (4%)



Red (4%)

Yellow (35%)

Blue (7%)

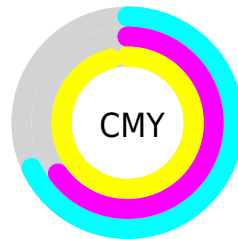


Cyan (10%)

Magenta (0%)

Yellow (90%)

Black (65%)



Cyan (68%)


Magenta (65%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 78.0750, -34.0540, 2.5652 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 78.0750, -34.0540, 2.5652 by changing the saturation by 10% instead.


 78.0750, -34.0540,
2.5652

 78.0750, -34.0540,
2.5652


 254.3160, -2.6208,
0.5999


 56.3720, -27.7914,
0.5508


 128.9010,
-33.4752, 3.5948

 35.9830, -17.7396,
-3.4931


 155.0860,
-34.0594, 4.3096

 14.6750, -7.2348,
-12.8700

 182.1570,
-35.0804, 5.1243


 0.0000, 0.0000,
0.0000


 209.9290,
-35.9540, 5.3243


 238.7010,
-36.8276, 5.5242


 247.8180,

-27.5183, 6.2986


 251.0100,
-15.2879, 3.4992


 78.0750, -34.0540,
2.5652


 78.0750, -34.0540,
2.5652


 76.7500, -37.8377,
2.8502

 79.4000, -30.2702,
2.2802

 80.7250, -26.4864,
1.9952

 82.0500, -22.7026,
1.7102

 83.3750, -18.9189,
1.4251

 84.7000, -15.1351,
1.1401

■ 86.0250, -11.3513,
0.8551

■ 87.3500, -7.5675,
0.5701

■ 88.6750, -3.7838,
0.2850

■ 90.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.0720, -36.0245, 28.0009



78.0750, -34.0540, 2.5652



72.5190, -17.5109, -30.2732

Triad

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



78.0750, -34.0540, 2.5652



73.7310, 31.1916, -64.6621



84.5560, 7.1209, 49.5014

Complementary

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



78.0750, -34.0540, 2.5652



20.9250, 34.0540, -2.5652

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.



87.6480, 20.8795, 23.1107



78.0750, -34.0540, 2.5652



72.0330, 39.9167, -63.1729

Square

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



78.0750, -34.0540, 2.5652



71.4850, 17.5089, -62.6923



82.5870, 33.2346, -19.8088



82.3600, -9.0515, 56.6893

Rectangle

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



78.0750, -34.0540, 2.5652



65.4260, -3.1680, -57.3786



82.5870, 33.2346, -19.8088



85.4780, 12.0893, 42.5538

Sweetspot

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



78.0750, -34.0540, 2.5652



112.5690, -13.0985, 1.2550



37.9150, -14.2551, 45.6785



56.2360, -8.0043, 0.6700



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.0750, -34.0540, 2.5652



99.7750, -49.1891, 3.7053



66.1150, -28.1577, -22.0259



45.1310, -2.0366, -0.1149



93.5730, -46.1315, 3.0055



202.2080, -99.6885, 7.7106

Inverse Universe

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



20.9250, 34.0540, -2.5652



17.2250, 49.1891, -3.7053



32.8850, 28.1577, 22.0259



41.8690, 2.0366, 0.1149



16.1280, 46.2789, -3.6203



34.7920, 99.6885, -7.7106

Previews

White Background



This preview shows how the YUV color 78.0750, -34.0540, 2.5652 looks on a white background.

Color Contrast Check

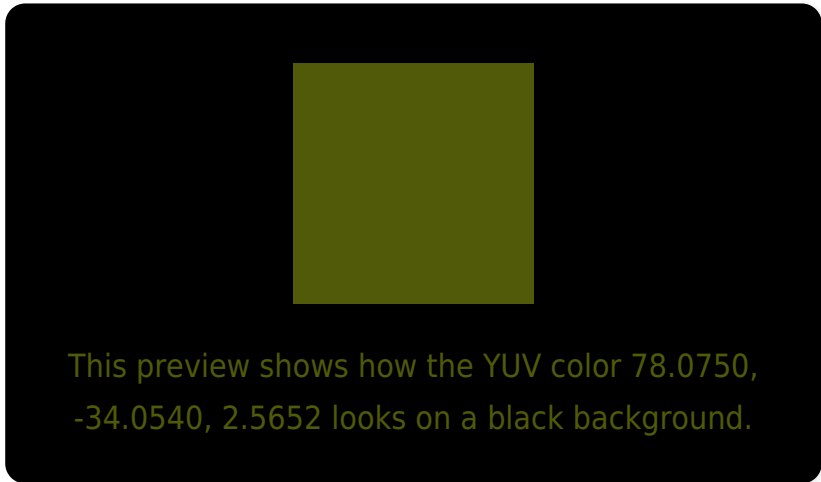
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 78.0750, -34.0540, 2.5652

Background



This preview shows how black text looks on a background with the YUV color 78.0750, -34.0540, 2.5652.



This preview shows how white text looks on a background with the YUV color 78.0750, -34.0540,

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

78.0750, -34.0540, 2.5652

Protanopia

79.3970, -35.6917, 14.5608

Deuteranopia

81.4780, -31.7877, 22.3828



Tritanopia

85.8800, 2.0312, 1.8592

Trichromacy



Original Color

78.0750, -34.0540, 2.5652

Protanomaly

79.1900, -35.0967, 10.3574

Deuteranomaly

80.2060, -32.6396, 15.6053

Tritanomaly

82.8510, -10.7725, 1.8847

Monochromacy



Original Color

78.0750, -34.0540, 2.5652

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7970, -12.2249, 1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0750, -34.0540, 2.5652 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(81, 90, 9)` looks like.

```
.text, #text, p{  
    color:rgb(81, 90, 9)  
}
```

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(81, 90, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 90, 9) }
```

Border

The CSS property to change the border of an element to YUV 78.0750, -34.0540, 2.5652 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(81, 90, 9) }
```


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

```
.border{ border-color:rgb(81, 90, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 90, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 90, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 90, 9); box-shadow:4px  
4px 4px 4px rgb(81, 90, 9) }
```

Background

The CSS property to change the background color of an element to YUV 78.0750, -34.0540, 2.5652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 90, 9) }
```

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

```
.background{ background-color: rgb(81, 90,  
9) }
```

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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