

Converting Colors

YUV(54.5090, 34.7521,
-39.9114)

Have a look what the booklet for
YUV(54.5090, 34.7521, -39.9114)
contains.

YUV(54.5090, 34.7521, -39.9114)	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(54.5090, 34.7521,
-39.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	09407D
RGB	9, 64, 125
RGB Percent	4%, 25%, 49%
CMY	0.9647, 0.7490, 0.5098
CMYK	0.93, 0.49, 0.00, 0.51
HSL	212°, 87%, 26%
HSV	212°, 93%, 49%
XYZ	5.6477, 5.2055, 20.1091
YIQ	54.5090, -52.3610, 7.3110

Conversions

Conversions Part 2

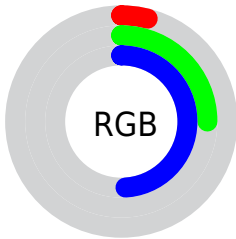
Format	Color
R_{YB}	9, 46, 125
Decimal	606333
CIE _{Lab}	27.31, 8.42, -39.22
CIE _{LCh}	27, 40.113, 282.116
Yxy	5.2055, 0.1824, 0.1681
Android (android.graphics.Color)	4278796413 (0xFF09407D)
YUV	54.5090, 34.7521, -39.9114
Hunter-Lab	22.8156, 4.2580, -36.2858

Details

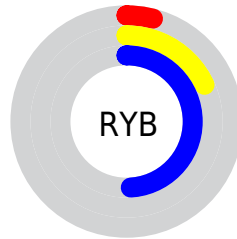
The YUV color **54.5090, 34.7521, -39.9114** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.4910, -34.7521, 39.9114**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7710, 34.1299, -26.9862**, and **22.0510, 26.1039, -19.3387** is the 20% darker color. If you saturate the color by 10%, you get **48.8830, 37.5257, -42.8704**, and if you desaturate by 10%, it is **62.2060, 30.9574, -36.1377**.

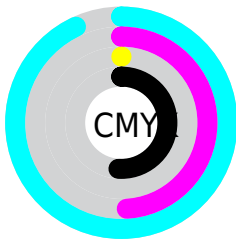
Distribution



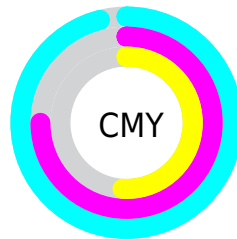
- Red (4%)
- Green (25%)
- Blue (49%)



- Red (4%)
- Yellow (18%)
- Blue (49%)



- Cyan (93%)
- Magenta (49%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5090, 34.7521, -39.9114 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 54.5090, 34.7521, -39.9114 by changing the saturation by 10% instead.

■ 54.5090, 34.7521,
-39.9114

■ 54.5090, 34.7521,
-39.9114

■ 255.0000, 0.0000,
0.0000

■ 36.0540, 31.5254,
-31.6194

■ 108.7710, 34.1299,
-26.9862

■ 22.0510, 26.1039,
-19.3387

■ 135.0100, 34.9981,
-25.4418

■ 8.2760, 21.5559,
-7.2581

■ 161.8360, 35.5769,
-24.4122

■ 4.5940, 12.5252,
-4.0289

■ 188.4510, 32.8087,
-23.1975

■ 0.0000, 0.0000,
0.0000

■ 213.5580, 20.4309,
-19.7834

■ 239.2520, 7.7638,

-16.8840

253.2060, 0.8844,
-3.6887

54.5090, 34.7521,
-39.9114

54.5090, 34.7521,
-39.9114

48.8830, 37.5257,
-42.8704

62.2060, 30.9574,
-36.1377

69.6150, 27.3048,
-31.2344

77.3120, 23.5102,
-27.4606

84.7210, 19.8575,
-22.5573

92.4180, 16.0629,
-18.7836

■ 99.8270, 12.4103,
-13.8803

■ 107.5240, 8.6157,
-10.1065

■ 115.5200, 4.6736,
-5.7180

■ 122.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



56.8730, 32.6006, -49.8776



54.5090, 34.7521, -39.9114



66.1090, 21.6383, 13.0594

Triad

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



54.5090, 34.7521, -39.9114



60.8780, -18.1809, 44.8340



50.2150, -3.0640, -44.0386

Complementary

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



54.5090, 34.7521, -39.9114



79.4910, -34.7521, 39.9114

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.



54.4880, -20.4536, -19.7220



54.5090, 34.7521, -39.9114



60.9780, -30.0622, 28.9603

Square

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



54.5090, 34.7521, -39.9114



60.4070, -3.6517, 51.3861



59.3620, -29.2655, 6.6985



55.1510, 10.7716, -48.3674

Rectangle

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



54.5090, 34.7521, -39.9114



64.9930, 14.3005, 33.3321



59.3620, -29.2655, 6.6985



48.4880, -7.1426, -42.5240

Sweetspot

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



54.5090, 34.7521, -39.9114



135.4570, 13.5787, -15.3098



83.9320, -7.3615, -65.7154



64.8230, 8.4683, -9.4918



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.



54.5090, 34.7521, -39.9114



63.7810, 48.9150, -55.9359



22.8220, 50.3738, -10.3679



59.5590, 2.1894, -2.2442



49.8120, 38.5467, -43.6851



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.9540, 6.9247, 65.8153



57.5150, 9.6061, 92.5103



111.1780, -50.3738, 10.3679



59.4350, 0.2785, 4.0035



45.1120, 7.3398, 72.6928



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 54.5090, 34.7521, -39.9114 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



This preview shows how the YUV color 54.5090, 34.7521, -39.9114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

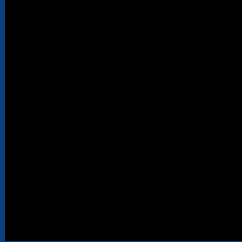
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5090, 34.7521, -39.9114

Background



This preview shows how black text looks on a background with the YUV color 54.5090, 34.7521, -39.9114.



This preview shows how white text looks on a background with the YUV color 54.5090, 34.7521, -39.9114.

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

54.5090, 34.7521, -39.9114

Protanopia

60.0870, 31.5091, -26.3863

Deuteranopia

51.8520, 31.1320, -45.4742



Tritanopia

51.0420, 12.7973, -44.7638

Trichromacy



Original Color

54.5090, 34.7521, -39.9114

Protanomaly

57.6950, 32.6884, -31.3045

Deuteranomaly

52.6180, 32.7263, -43.5150

Tritanomaly

52.1160, 20.6488, -43.0747

Monochromacy



Original Color

54.5090, 34.7521, -39.9114

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.5280, 12.5577, -14.4951

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5090, 34.7521, -39.9114 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(9, 64, 125)` looks like.

```
.text, #text, p{  
    color:rgb(9, 64, 125)  
}
```

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(9, 64, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 64, 125) }
```

Border

The CSS property to change the border of an element to YUV 54.5090, 34.7521, -39.9114 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(9, 64, 125) }
```


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

```
.border{ border-color:rgb(9, 64, 125) }
```

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

Here you see how a box with a 4 pixel rgb(9, 64, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 64, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 64, 125);  
box-shadow:4px 4px 4px 4px rgb(9, 64, 125)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.5090, 34.7521, -39.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 64, 125) }
```

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

```
.background{ background-color: rgb(9, 64,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor