

Converting Colors

YUV(54.5150, 12.0711,
-45.1787)

Have a look what the booklet for
YUV(54.5150, 12.0711, -45.1787)
contains.

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Color

**YUV(54.5150, 12.0711,
-45.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	034C4F
RGB	3, 76, 79
RGB Percent	1%, 30%, 31%
CMY	0.9882, 0.7020, 0.6902
CMYK	0.96, 0.04, 0.00, 0.69
HSL	182°, 93%, 16%
HSV	182°, 96%, 31%
XYZ	4.0333, 5.7528, 8.2950
YIQ	54.5150, -44.4710, -14.5430

Conversions

Conversions Part 2

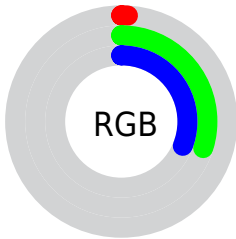
Format	Color
R_{YB}	3, 40, 79
Decimal	216143
CIE _{Lab}	28.78, -18.62, -7.58
CIE _{LCh}	29, 20.101, 202.146
Yxy	5.7528, 0.2231, 0.3182
Android (android.graphics.Color)	4278406223 (0xFF034C4F)
YUV	54.5150, 12.0711, -45.1787
Hunter-Lab	23.9849, -11.9572, -3.7155

Details

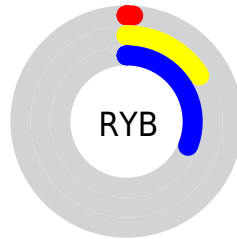
The YUV color **54.5150, 12.0711, -45.1787** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.4850, -12.0711, 45.1787**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.4020, 10.1548, -37.1866**, and **22.7740, 6.0274, -19.9728** is the 20% darker color. If you saturate the color by 10%, you get **53.6180, 12.5133, -47.0230**, and if you desaturate by 10%, it is **56.9070, 10.8918, -40.2604**.

Distribution



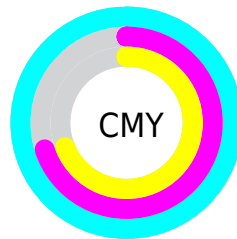
- Red (1%)
- Green (30%)
- Blue (31%)



- Red (1%)
- Yellow (16%)
- Blue (31%)



- Cyan (96%)
- Magenta (4%)
- Yellow (0%)
- Black (69%)



- Cyan (99%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5150, 12.0711, -45.1787 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 54.5150, 12.0711, -45.1787 by changing the saturation by 10% instead.

■ 54.5150, 12.0711,
-45.1787

■ 54.5150, 12.0711,
-45.1787

■ 255.0000, 0.0000,
0.0000

■ 37.4950, 9.1230,
-32.8831

■ 107.4020, 10.1548,
-37.1866

■ 22.7740, 6.0274,
-19.9728

■ 133.7010, 10.0074,
-36.5718

■ 2.0690, 5.3890,
-1.8145

■ 160.4020, 10.1548,
-37.1866

■ 0.0000, 0.0000,
0.0000

■ 187.9890, 9.8654,
-37.7014

■ 215.8040, 10.4496,
-38.4161

■ 238.8540, 7.9600,

-33.1980

■ 247.2260, 3.8326,
-15.9842

■ 54.5150, 12.0711,
-45.1787

■ 54.5150, 12.0711,
-45.1787

■ 53.6180, 12.5133,
-47.0230

■ 56.9070, 10.8918,
-40.2604

■ 59.8860, 9.4232,
-35.8570

■ 62.2780, 8.2439,
-30.9388

■ 64.6700, 7.0647,
-26.0206

■ 67.6490, 5.5960,
-21.6172

■ 69.7420, 4.5642,
-17.3137

■ 72.1340, 3.3849,
-12.3955

■ 74.5260, 2.2057,
-7.4773

■ 77.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



60.1660, 1.3972, -28.2096



54.5150, 12.0711, -45.1787



56.0190, 17.7386, -42.9897

Triad

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



54.5150, 12.0711, -45.1787



69.9550, 8.4032, 11.4405



67.4780, -15.0257, 12.7358

Complementary

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



54.5150, 12.0711, -45.1787



27.4850, -12.0711, 45.1787

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.



68.0430, -11.8532, 21.8873



54.5150, 12.0711, -45.1787



69.5990, 1.6767, 22.2767

Square

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



54.5150, 12.0711, -45.1787



68.3490, 14.1249, -3.8141



68.6720, -5.7543, 25.7207



65.2700, -12.9511, 0.6402

Rectangle

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



54.5150, 12.0711, -45.1787



61.6940, 17.4059, -29.5496



68.6720, -5.7543, 25.7207



67.6140, -14.5997, 16.1245

Sweetspot

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



54.5150, 12.0711, -45.1787



92.4430, 4.7116, -17.9285



47.9540, -20.6833, -39.4247



45.0310, 2.9427, -10.5512



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



54.5150, 12.0711, -45.1787



69.1540, 16.1931, -60.6481



32.2090, 23.0680, -25.6163



36.8040, 0.5896, -2.4591



155.3600, 36.7975, -136.2507

Inverse Universe

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



34.0460, 20.6833, 39.4247



41.6700, 27.7707, 52.9094



49.7910, -23.0680, 25.6163



35.6520, 1.1576, 2.0592



93.8500, 62.1919, 119.4036

Previews

White Background



This preview shows how the YUV color 54.5150, 12.0711, -45.1787 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 54.5150, 12.0711, -45.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

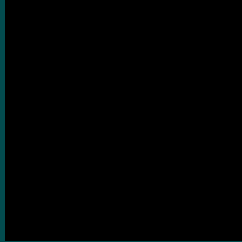
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5150, 12.0711, -45.1787

Background



This preview shows how black text looks on a background with the YUV color 54.5150, 12.0711, -45.1787.



This preview shows how white text looks on a background with the YUV color 54.5150, 12.0711,

-45.1787.

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

54.5150, 12.0711, -45.1787

Protanopia

68.6840, 2.6208, -0.5999

Deuteranopia

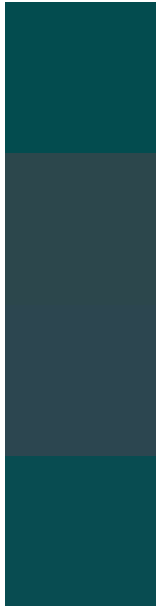
68.8950, 5.9678, -0.7849



Tritanopia

57.2490, 12.2022, -40.5604

Trichromacy



Original Color

54.5150, 12.0711, -45.1787

Protanomaly

63.4970, 6.1640, -17.0989

Deuteranomaly

63.3660, 8.2006, -16.9840

Tritanomaly

56.2380, 12.2077, -42.3047

Monochromacy



Original Color

54.5150, 12.0711, -45.1787

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5150, 12.0711, -45.1787 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(3, 76, 79)` looks like.

```
.text, #text, p{  
    color:rgb(3, 76, 79)  
}
```

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(3, 76, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 76, 79) }
```

Border

The CSS property to change the border of an element to YUV 54.5150, 12.0711, -45.1787 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(3, 76, 79) }
```

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

```
.border{ border-color:rgb(3, 76, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 76, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 76, 79); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 76, 79); box-shadow:4px  
4px 4px 4px rgb(3, 76, 79) }
```

Background

The CSS property to change the background color of an element to YUV 54.5150, 12.0711, -45.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 76, 79) }
```

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

```
.background{ background-color: rgb(3, 76,  
79) }
```

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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