

Converting Colors

YUV(54.7330, -18.6024, -6.7818)

Have a look what the booklet for
YUV(54.7330, -18.6024, -6.7818)
contains.

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Color

**YUV(54.7330, -18.6024,
-6.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4211
RGB	47, 66, 17
RGB Percent	18%, 26%, 7%
CMY	0.8157, 0.7412, 0.9333
CMYK	0.29, 0.00, 0.74, 0.74
HSL	83°, 59%, 16%
HSV	83°, 74%, 26%
XYZ	3.2217, 4.5412, 1.2371
YIQ	54.7330, 4.4050, -19.2670

Conversions

Conversions Part 2

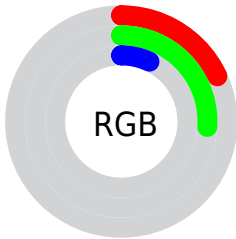
Format	Color
R_{YB}	17, 66, 36
Decimal	3097105
CIE _{Lab}	25.39, -16.57, 26.39
CIE _{LCh}	25, 31.164, 122.124
Yxy	4.5412, 0.3580, 0.5046
Android (android.graphics.Color)	4281287185 (0xFF2F4211)
YUV	54.7330, -18.6024, -6.7818
Hunter-Lab	21.3102, -10.3071, 11.4753

Details

The YUV color **54.7330, -18.6024, -6.7818** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.2670, 18.6024, 6.7818**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3910, -19.9128, -6.4819**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **53.0380, -21.2177, -7.9263**, and if you desaturate by 10%, it is **56.4280, -15.9870, -5.6374**.

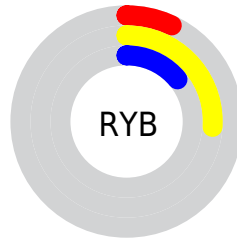
Distribution



Red (18%)

Green (26%)

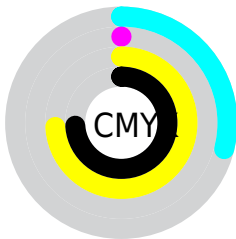
Blue (7%)



Red (7%)

Yellow (26%)

Blue (14%)

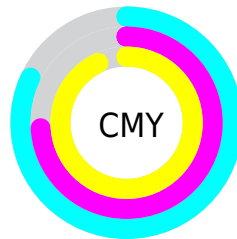


Cyan (29%)

Magenta (0%)

Yellow (74%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7330, -18.6024, -6.7818 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 54.7330, -18.6024, -6.7818 by changing the saturation by 10% instead.

■ 54.7330, -18.6024,
-6.7818

■ 54.7330, -18.6024,
-6.7818

■ 254.0880, -3.4944,
0.7998

■ 33.9010, -16.7132,
-6.0522

■ 102.3910,
-19.9128, -6.4819

■ 14.6750, -7.2348,
-12.8700

■ 127.8640,
-20.6390, -6.8967

■ 0.0000, 0.0000,
0.0000


■ 153.7500,
-21.0757, -6.7968


■ 180.5220,
-21.9493, -6.5968


■ 208.4080,
-22.3861, -6.4968


■ 236.8810,


-23.1123, -6.9116


 250.7820,
-16.1615, 3.6992


 54.7330, -18.6024,
-6.7818


 54.7330, -18.6024,
-6.7818


 53.0380, -21.2177,
-7.9263


 56.4280, -15.9870,
-5.6374


 51.7560, -23.5437,
-8.5560

 57.7100, -13.6610,
-5.0077

 50.7020, -24.9961,
-9.3857

 59.4050, -11.0457,
-3.8632

 60.6870, -8.7197,
-3.2335

 62.3820, -6.1043,
-2.0890

■ 63.7780, -3.3416,
-1.5593

■ 65.3590, -1.1630,
-0.3148

■ 66.7550, 1.5998,
0.2149

■ 68.3360, 3.7784,
1.4593

Harmonies

Analogous

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



57.3610, -24.3350, 11.9614



54.7330, -18.6024, -6.7818



47.7000, -5.2751, -34.8169

Triad

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



54.7330, -18.6024, -6.7818



51.5440, 24.8748, -45.2041



59.5300, -0.2613, 37.2462

Complementary

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



54.7330, -18.6024, -6.7818



28.2670, 18.6024, 6.7818

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.



61.6130, 10.5438, 24.8954



54.7330, -18.6024, -6.7818



48.5920, 28.7951, -42.6152

Square

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



54.7330, -18.6024, -6.7818



51.3670, 16.5811, -45.0489



61.3480, 19.0554, 1.4488



58.9570, -11.3178, 36.8717

Rectangle

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



54.7330, -18.6024, -6.7818



47.7190, 2.6035, -41.8496



61.3480, 19.0554, 1.4488



60.4310, 3.2385, 34.7020

Sweetspot

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



54.7330, -18.6024, -6.7818



82.4420, -7.1199, -3.0186



42.8040, -12.7214, 20.3429



40.5500, -4.2152, -1.3594



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



54.7330, -18.6024, -6.7818



69.2520, -29.2112, -10.7450



47.5570, -15.0646, -21.5365



32.3590, -1.1630, -0.3148



74.5800, -36.7679, -13.6637



172.4510, -85.0183, -31.0905

Inverse Universe

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



28.2670, 18.6024, 6.7818



27.4490, 29.3586, 10.1302



35.4430, 15.0646, 21.5365



30.6410, 1.1630, 0.3148



22.4200, 36.7679, 13.6637



51.5490, 85.0183, 31.0905

Previews

White Background



This preview shows how the YUV color 54.7330, -18.6024, -6.7818 looks on a white background.

Color Contrast Check

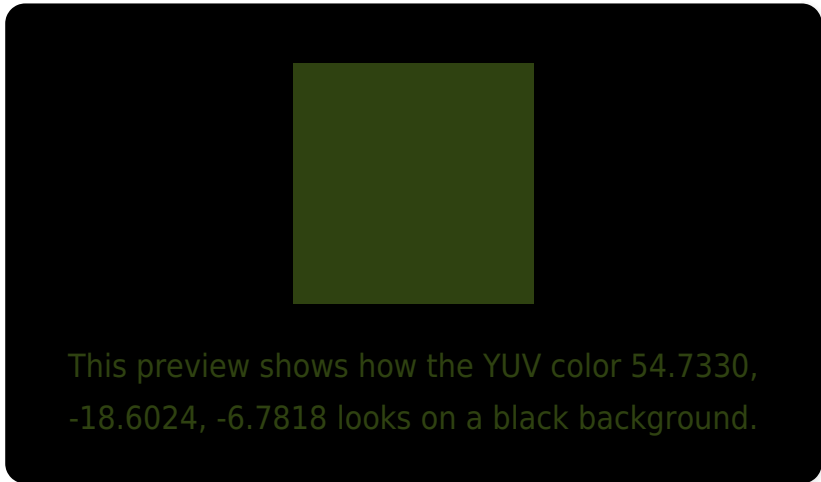
Large Text (above 18pt) WCAG AA ✓ Pass

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

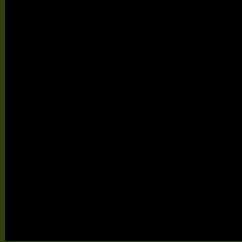
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.7330, -18.6024, -6.7818

Background



This preview shows how black text looks on a background with the YUV color 54.7330, -18.6024, -6.7818.



This preview shows how white text looks on a background with the YUV color 54.7330, -18.6024, -6.7818.

-6.7818.

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

54.7330, -18.6024, -6.7818

Protanopia

57.3760, -20.3984, 9.3172

Deuteranopia

58.2780, -18.3781, 14.6652



Tritanopia

59.7650, 3.0739, -5.9329

Trichromacy



Original Color

54.7330, -18.6024, -6.7818

Protanomaly

56.1580, -19.7979, 3.3694

Deuteranomaly

56.9350, -18.2090, 7.0730

Tritanomaly

57.7020, -4.7831, -5.8777

Monochromacy



Original Color

54.7330, -18.6024, -6.7818

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8550, -6.8305, -2.5038

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7330, -18.6024, -6.7818 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(47, 66, 17)` looks like.

```
.text, #text, p{  
    color:rgb(47, 66, 17)  
}
```

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(47, 66, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 66, 17) }
```

Border

The CSS property to change the border of an element to YUV 54.7330, -18.6024, -6.7818 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(47, 66, 17) }
```


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

```
.border{ border-color:rgb(47, 66, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 66, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 66, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 66, 17);  
box-shadow:4px 4px 4px 4px rgb(47, 66, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.7330, -18.6024, -6.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 66, 17) }
```

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

```
.background{ background-color: rgb(47, 66,  
17) }
```

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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