

Converting Colors

YUV(52.5050, -19.4760, -6.5819)

Have a look what the booklet for
YUV(52.5050, -19.4760, -6.5819)
contains.

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Color

**YUV(52.5050, -19.4760,
-6.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	2D400D
RGB	45, 64, 13
RGB Percent	18%, 25%, 5%
CMY	0.8235, 0.7490, 0.9490
CMYK	0.30, 0.00, 0.80, 0.75
HSL	82°, 66%, 15%
HSV	82°, 80%, 25%
XYZ	2.9882, 4.2537, 1.0443
YIQ	52.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

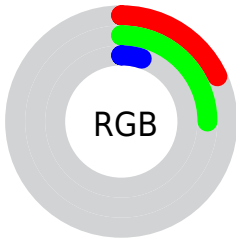
Format	Color
RYB	13, 64, 32
Decimal	2965517
CIELab	24.49, -16.73, 27.32
CIELCh	24, 32.038, 121.482
Yxy	4.2537, 0.3606, 0.5133
Android (android.graphics.Color)	4281155597 (0xFF2D400D)
YUV	52.5050, -19.4760, -6.5819
Hunter-Lab	20.6246, -10.2308, 11.4351

Details

The YUV color **52.5050, -19.4760, -6.5819** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.4950, 19.4760, 6.5819**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1630, -20.7864, -6.2820**, and **13.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **51.2230, -21.8019, -7.2116**, and if you desaturate by 10%, it is **53.7870, -17.1500, -5.9522**.

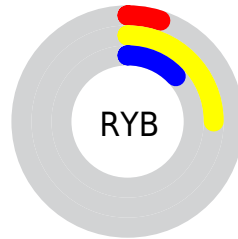
Distribution



Red (18%)

Green (25%)

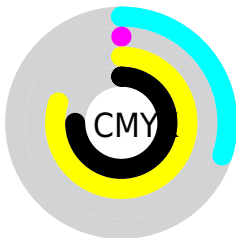
Blue (5%)



Red (5%)

Yellow (25%)

Blue (13%)

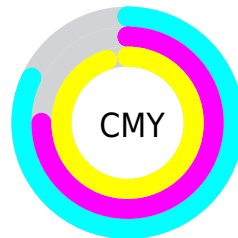


Cyan (30%)

Magenta (0%)

Yellow (80%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5050, -19.4760, -6.5819 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 52.5050, -19.4760, -6.5819 by changing the saturation by 10% instead.

■ 52.5050, -19.4760,
-6.5819

■ 52.5050, -19.4760,
-6.5819

■ 253.5180, -5.6784,
1.2997

■ 31.8300, -15.6922,
-6.8669

■ 100.1630,
-20.7864, -6.2820

■ 13.5010, -6.6560,
-11.8404

■ 125.0490,
-21.2232, -6.1820

■ 0.0000, 0.0000,
0.0000

■ 151.5220,
-21.9493, -6.5968

■ 178.2940,
-22.8229, -6.3968

■ 206.1800,
-23.2597, -6.2969

■ 234.0660,

-23.6965, -6.1969

■ 250.3260,
-17.9087, 4.0991

■ 52.5050, -19.4760,
-6.5819

■ 52.5050, -19.4760,
-6.5819

■ 51.2230, -21.8019,
-7.2116

■ 53.7870, -17.1500,
-5.9522

■ 49.5280, -24.4173,
-8.3561

■ 55.4820, -14.5346,
-4.8077

■ 56.7640, -12.2087,
-4.1780

■ 58.4590, -9.5933,
-3.0335

■ 59.7410, -7.2673,
-2.4039

■ 61.0230, -4.9413,
-1.7742

■ 62.7180, -2.3260,
-0.6297

■ 64.0000, 0.0000,
0.0000

■ 65.3960, 2.7628,
0.5297

Harmonies

Analogous

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



54.5460, -24.9192, 12.6762



52.5050, -19.4760, -6.5819



44.6890, -5.2697, -36.5613

Triad

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



52.5050, -19.4760, -6.5819



50.7290, 24.2906, -44.4893



57.3560, 0.3175, 38.2758

Complementary

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



52.5050, -19.4760, -6.5819



24.4950, 19.4760, 6.5819

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.



59.7270, 10.9806, 24.7954



52.5050, -19.4760, -6.5819



47.8910, 28.6477, -42.0004

Square

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



52.5050, -19.4760, -6.5819



49.9650, 16.2863, -43.8193



59.2770, 20.0764, 0.6341



56.6690, -11.1758, 38.0013

Rectangle

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



52.5050, -19.4760, -6.5819



46.2030, 1.8719, -40.5200



59.2770, 20.0764, 0.6341



57.9580, 3.9647, 35.1168

Sweetspot

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



52.5050, -19.4760, -6.5819



79.6270, -7.7041, -2.3039



39.4020, -13.0162, 21.5724



40.4360, -4.6519, -1.2594



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.



52.5050, -19.4760, -6.5819



65.7960, -30.9584, -10.3451



45.0300, -15.7908, -21.9513



32.3590, -1.1630, -0.3148



75.1780, -37.0628, -12.4341



173.6470, -85.6080, -28.6314

Inverse Universe

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



24.4950, 19.4760, 6.5819



21.2040, 30.9584, 10.3451



31.9700, 15.7908, 21.9513



30.6410, 1.1630, 0.3148



21.8220, 37.0628, 12.4341



50.6520, 85.4606, 29.2462

Previews

White Background



This preview shows how the YUV color 52.5050, -19.4760, -6.5819 looks on a white background.

Color Contrast Check

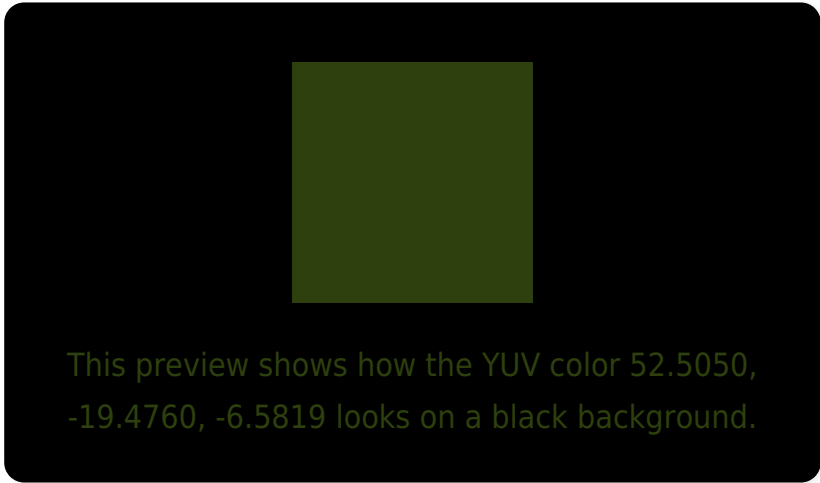
Large Text (above 18pt) WCAG AA ✓ Pass

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

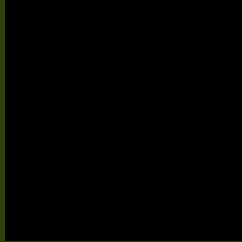
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5050, -19.4760, -6.5819

Background



This preview shows how black text looks on a background with the YUV color 52.5050, -19.4760, -6.5819.



This preview shows how white text looks on a background with the YUV color 52.5050, -19.4760,

-6.5819.

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

52.5050, -19.4760, -6.5819

Protanopia

54.8490, -21.1246, 8.9024

Deuteranopia

56.0500, -19.2516, 14.8652



Tritanopia

57.7650, 3.0739, -5.9329

Trichromacy



Original Color

52.5050, -19.4760, -6.5819

Protanomaly

53.9300, -20.6715, 3.5694

Deuteranomaly

54.7070, -19.0826, 7.2730

Tritanomaly

55.5880, -5.2199, -5.7777

Monochromacy



Original Color

52.5050, -19.4760, -6.5819

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7410, -7.2673, -2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5050, -19.4760, -6.5819 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(45, 64, 13)` looks like.

```
.text, #text, p{  
    color:rgb(45, 64, 13)  
}
```

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(45, 64, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 64, 13) }
```

Border

The CSS property to change the border of an element to YUV 52.5050, -19.4760, -6.5819 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(45, 64, 13) }
```


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

```
.border{ border-color:rgb(45, 64, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 64, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 64, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 64, 13);  
box-shadow:4px 4px 4px 4px rgb(45, 64, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.5050, -19.4760, -6.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 64, 13) }
```

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

```
.background{ background-color: rgb(45, 64,  
13) }
```

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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