

Converting Colors

YUV(40.6060, -19.0328,
38.0565)

Have a look what the booklet for
YUV(40.6060, -19.0328, 38.0565)
contains.

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Color

**YUV(40.6060, -19.0328,
38.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	541A02
RGB	84, 26, 2
RGB Percent	33%, 10%, 1%
CMY	0.6706, 0.8980, 0.9922
CMYK	0.00, 0.69, 0.98, 0.67
HSL	18°, 95%, 17%
HSV	18°, 98%, 33%
XYZ	4.0365, 2.6280, 0.3519
YIQ	40.6060, 42.2720, 4.8320

Conversions

Conversions Part 2

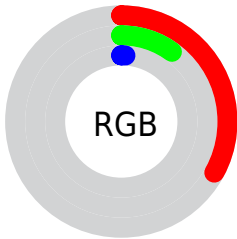
Format	Color
R _Y B	84, 36, 2
Decimal	5511682
CIE Lab	18.49, 25.79, 26.84
CIE LCh	18, 37.224, 46.144
Yxy	2.6280, 0.5753, 0.3745
Android (android.graphics.Color)	4283701762 (0xFF541A02)
YUV	40.6060, -19.0328, 38.0565
Hunter-Lab	16.2111, 16.0766, 10.0606

Details

The YUV color **40.6060, -19.0328, 38.0565** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **45.3940, 19.0328, -38.0565**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.2970, -20.3594, 43.5895**, and **9.9810, -4.4276, 20.1877** is the 20% darker color. If you saturate the color by 10%, you get **39.7910, -19.6170, 38.7713**, and if you desaturate by 10%, it is **45.0400, -17.2747, 34.1679**.

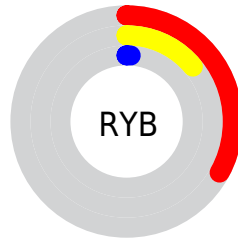
Distribution



Red (33%)

Green (10%)

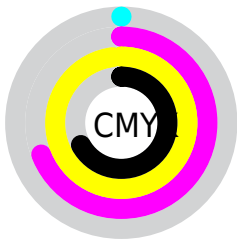
Blue (1%)



Red (33%)

Yellow (14%)

Blue (1%)

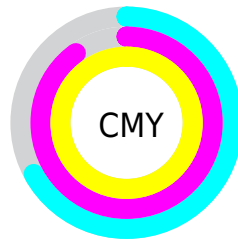


Cyan (0%)

Magenta (69%)

Yellow (98%)

Black (67%)



Cyan (67%)


Magenta (90%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 40.6060, -19.0328, 38.0565 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 40.6060, -19.0328, 38.0565 by changing the saturation by 10% instead.


 40.6060, -19.0328,
38.0565


 40.6060, -19.0328,
38.0565

 251.9220,
-11.7935, 2.6994

 18.8040, -9.2704,
33.4979


 89.2970, -20.3594,
43.5895


 9.9810, -4.4276,
20.1877

 114.9660,
-21.6752, 45.6338

 0.0000, 0.0000,
0.0000

 141.0480,
-22.7017, 48.1929

 167.8310,
-23.5807, 50.1372

 195.6140,
-24.4597, 52.0815

 215.0140,

-21.2059, 35.0677

■ 234.6420,
-17.0785, 17.8540

■ 40.6060, -19.0328,
38.0565

■ 40.6060, -19.0328,
38.0565

■ 39.7910, -19.6170,
38.7713

■ 45.0400, -17.2747,
34.1679

■ 49.5880, -15.0799,
30.1793

■ 54.0220, -13.3218,
26.2907

■ 58.5700, -11.1270,
22.3021

■ 63.0040, -9.3690,
18.4135

■ 67.4380, -7.6109,
14.5249

■ 71.9860, -5.4161,
10.5363

■ 76.4200, -3.6581,
6.6477

■ 80.3810, -1.1738,
3.1739

Harmonies

Analogous

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



38.2000, -3.0566, 47.1826



40.6060, -19.0328, 38.0565



42.9260, -21.1625, 21.1129

Triad

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



40.6060, -19.0328, 38.0565



36.4060, -2.6652, -31.9281



36.2990, 29.9256, -31.8342

Complementary

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



40.6060, -19.0328, 38.0565



45.3940, 19.0328, -38.0565

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.



41.6960, 27.7579, -36.5674



40.6060, -19.0328, 38.0565



40.1850, 9.2758, -35.2422

Square

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



40.6060, -19.0328, 38.0565



33.2040, -16.3696, -22.9809



42.4480, 20.4851, -37.2269



46.2080, 18.1385, 15.6036

Rectangle

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



40.6060, -19.0328, 38.0565



42.5500, -20.9771, 8.2877



42.4480, 20.4851, -37.2269



38.8750, 29.6416, -34.0934

Sweetspot

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



40.6060, -19.0328, 38.0565



92.8510, -7.3215, 15.0397



33.2440, 13.6837, 44.5130



45.5020, -4.6845, 9.2067



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



40.6060, -19.0328, 38.0565



51.6740, -25.4753, 51.1519



64.0860, -30.6084, 17.4646



38.7830, -0.8790, 1.9443



49.5920, -24.4489, 48.5928



109.2840, -53.8770, 107.6219

Inverse Universe

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



45.3940, 19.0328, -38.0565



58.3260, 25.4753, -51.1519



21.9140, 30.6084, -17.4646



39.2170, 0.8790, -1.9443



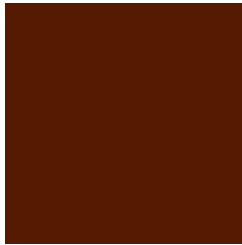
55.4080, 24.4489, -48.5928



122.7160, 53.8770, -107.6219

Previews

White Background



This preview shows how the YUV color 40.6060, -19.0328, 38.0565 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

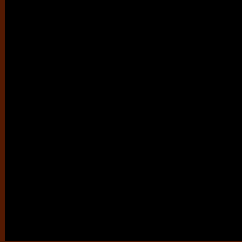
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.6060, -19.0328, 38.0565

Background



This preview shows how black text looks on a background with the YUV color 40.6060, -19.0328, 38.0565.



This preview shows how white text looks on a background with the YUV color 40.6060, -19.0328,

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

40.6060, -19.0328, 38.0565

Protanopia

44.4620, -17.4828, 7.4878

Deuteranopia

43.4690, -21.4302, 13.6207



Tritanopia

42.0540, -8.4076, 36.7866

Trichromacy



Original Color

40.6060, -19.0328, 38.0565

Protanomaly

42.7130, -18.0995, 18.6687

Deuteranomaly

42.1650, -20.2943, 22.6573

Tritanomaly

41.7290, -12.1914, 37.0717

Monochromacy



Original Color

40.6060, -19.0328, 38.0565

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2530, -7.0267, 13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.6060, -19.0328, 38.0565 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(84, 26, 2)` looks like.

```
.text, #text, p{  
  color:rgb(84, 26, 2)  
}
```

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(84, 26, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 26, 2) }
```

Border

The CSS property to change the border of an element to YUV 40.6060, -19.0328, 38.0565 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(84, 26, 2) }
```


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

```
.border{ border-color:rgb(84, 26, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 26, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 26, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 26, 2); box-shadow:4px  
4px 4px 4px rgb(84, 26, 2) }
```

Background

The CSS property to change the background color of an element to YUV 40.6060, -19.0328, 38.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 26, 2) }
```

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

```
.background{ background-color: rgb(84, 26,  
2) }
```

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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