

Converting Colors

YUV(40.6880, -20.0592,
40.6156)

Have a look what the booklet for
YUV(40.6880, -20.0592, 40.6156)
contains.

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Color

**YUV(40.6880, -20.0592,
40.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	571900
RGB	87, 25, 0
RGB Percent	34%, 10%, 0%
CMY	0.6588, 0.9020, 1.0000
CMYK	0.00, 0.71, 1.00, 0.66
HSL	17°, 100%, 17%
HSV	17°, 100%, 34%
XYZ	4.2781, 2.7215, 0.2998
YIQ	40.6880, 44.9770, 5.3690

Conversions

Conversions Part 2

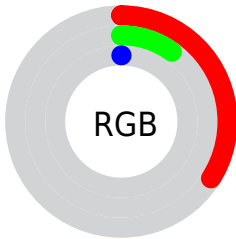
Format	Color
RYB	87, 35, 0
Decimal	5708032
CIELab	18.89, 27.46, 28.28
CIELCh	19, 39.422, 45.846
Yxy	2.7215, 0.5861, 0.3728
Android (android.graphics.Color)	4283898112 (0xFF571900)
YUV	40.6880, -20.0592, 40.6156
Hunter-Lab	16.4970, 17.4202, 10.4703

Details

The YUV color **40.6880, -20.0592, 40.6156** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **46.3120, 20.0592, -40.6156**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.0800, -21.2384, 45.5338**, and **10.8780, -4.8699, 22.0320** is the 20% darker color. If you saturate the color by 10%, you get **40.6880, -20.0592, 40.6156**, and if you desaturate by 10%, it is **45.2360, -17.8643, 36.6270**.

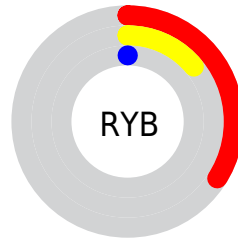
Distribution



Red (34%)

Green (10%)

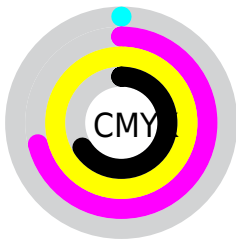
Blue (0%)



Red (34%)

Yellow (14%)

Blue (0%)

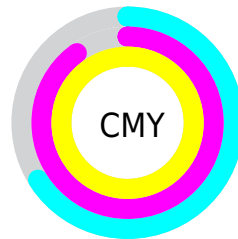


Cyan (0%)

Magenta (71%)

Yellow (100%)

Black (66%)



Cyan (66%)


Magenta (90%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 40.6880, -20.0592, 40.6156 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 40.6880, -20.0592, 40.6156 by changing the saturation by 10% instead.


 40.6880, -20.0592,
40.6156


 40.6880, -20.0592,
40.6156


 251.6940,
-12.6671, 2.8994


 19.1140, -9.4232,
35.8570

 90.0800, -21.2384,
45.5338

 10.8780, -4.8699,
22.0320

 115.4610,
-22.4123, 48.7077

 0.0000, 0.0000,
0.0000


 142.1300,
-23.7281, 50.7520


 168.7990,
-25.0439, 52.7963


 195.3860,
-25.3333, 52.2815


 214.9000,


-21.6427, 35.1677


 234.4140,
-17.9521, 18.0539


 40.6880, -20.0592,
40.6156

 45.2360, -17.8643,
36.6270

 49.6700, -16.1063,
32.7384

 54.8050, -14.2009,
28.2350

 59.3530, -12.0060,
24.2464

 63.9010, -9.8112,
20.2578

■ 68.3350, -8.0532,
16.3692

■ 72.8830, -5.8583,
12.3806

■ 78.0180, -3.9529,
7.8772

■ 82.4520, -2.1948,
3.9886

Harmonies

Analogous

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



36.7490, -2.3413, 51.0861



40.6880, -20.0592, 40.6156



44.1110, -21.7467, 21.8277

Triad

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



40.6880, -20.0592, 40.6156



36.9930, -2.9545, -32.4429



37.4560, 31.8202, -32.8489

Complementary

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



40.6880, -20.0592, 40.6156



46.3120, 20.0592, -40.6156

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.



42.7390, 29.2157, -37.4821



40.6880, -20.0592, 40.6156



41.0000, 9.8600, -35.9570

Square

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



40.6880, -20.0592, 40.6156



33.4810, -16.5061, -25.8548



43.3770, 21.5061, -38.0416



46.8490, 19.3014, 15.9184

Rectangle

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



40.6880, -20.0592, 40.6156



43.4360, -21.4139, 8.3876



43.3770, 21.5061, -38.0416



40.0320, 31.5362, -35.1081

Sweetspot

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



40.6880, -20.0592, 40.6156



94.1500, -7.4690, 15.6544



33.0810, 14.2571, 47.2870



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.



40.6880, -20.0592, 40.6156



52.2720, -25.7701, 52.3815



65.9290, -32.5030, 18.4793



40.7830, -0.8790, 1.9443



50.1900, -24.7437, 49.8224



109.5940, -54.0298, 109.9811

Inverse Universe

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



46.3120, 20.0592, -40.6156



59.7280, 25.7701, -52.3815



21.0710, 32.5030, -18.4793



41.2170, 0.8790, -1.9443



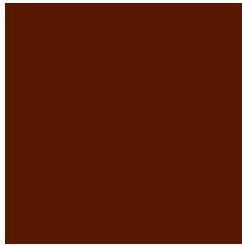
56.8100, 24.7437, -49.8224



124.8190, 54.3192, -109.4663

Previews

White Background



This preview shows how the YUV color 40.6880, -20.0592, 40.6156 looks on a white background.

Color Contrast Check

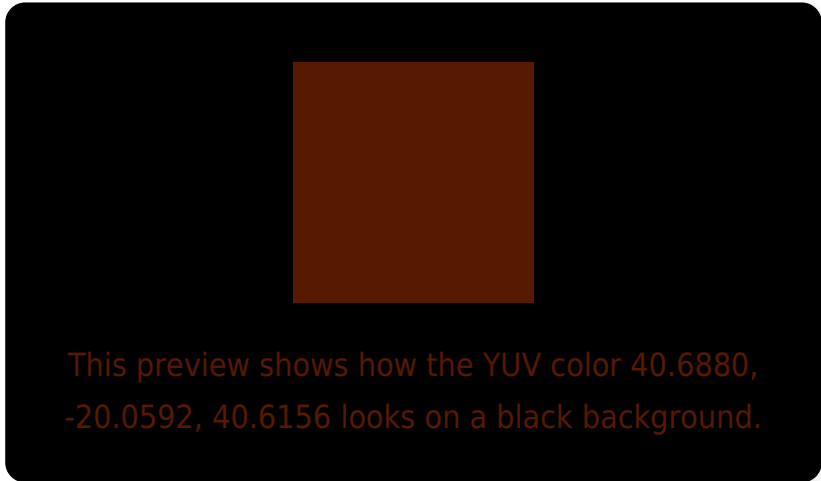
Large Text (above 18pt) WCAG AA ✓ Pass

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

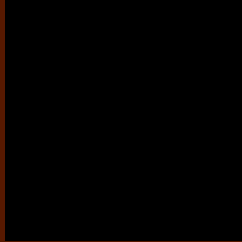
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.6880, -20.0592, 40.6156

Background



This preview shows how black text looks on a background with the YUV color 40.6880, -20.0592, 40.6156.



This preview shows how white text looks on a background with the YUV color 40.6880, -20.0592,

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



Protanopia

45.4620, -17.4828, 7.4878

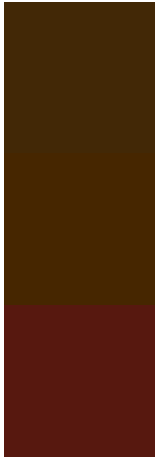
Deuteranopia

44.3550, -21.8670, 13.7207

Tritanopia

42.2500, -8.9972, 39.2458

Trichromacy



Protanomaly

43.8980, -18.6837, 19.3835

Deuteranomaly

43.2360, -21.3153, 23.4720

Tritanomaly

41.8110, -13.2178, 39.6308

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.6880, -20.0592, 40.6156 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(87, 25, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 25, 0)  
}
```

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(87, 25, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 25, 0) }
```

Border

The CSS property to change the border of an element to YUV 40.6880, -20.0592, 40.6156 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(87, 25, 0) }
```

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

```
.border{ border-color:rgb(87, 25, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 25, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 25, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 25, 0); box-shadow:4px  
4px 4px 4px rgb(87, 25, 0) }
```


Background

The CSS property to change the background color of an element to YUV 40.6880, -20.0592, 40.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 25, 0) }
```

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

```
.background{ background-color: rgb(87, 25,  
0) }
```

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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