

Converting Colors

YUV(40.5760, -20.0040,
69.6548)

Have a look what the booklet for
YUV(40.5760, -20.0040, 69.6548)
contains.

| | |
|--|----|
| YUV(40.5760, -20.0040, 69.6548) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(40.5760, -20.0040,
69.6548)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 780800 |
| RGB | 120, 8, 0 |
| RGB Percent | 47%, 3%, 0% |
| CMY | 0.5294, 0.9686, 1.0000 |
| CMYK | 0.00, 0.93, 1.00, 0.53 |
| HSL | 4°, 100%, 24% |
| HSV | 4°, 100%, 47% |
| XYZ | 7.8326, 4.1667, 0.3914 |
| YIQ | 40.5760, 69.3200, 21.2560 |

Conversions

Conversions Part 2

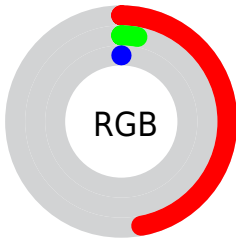
| Format | Color |
|-------------------------------------|--|
| RYB | 120, 9, 0 |
| Decimal | 7866368 |
| CIELab | 24.22, 44.24, 36.15 |
| CIElCh | 24, 57.134, 39.253 |
| Yxy | 4.1667, 0.6321, 0.3363 |
| Android (android.graphics.Color) | 4286056448 (0xFF780800) |
| YUV | 40.5760, -20.0040, 69.6548 |
| Hunter-Lab | 20.4126, 32.7706, 13.1518 |

Details

The YUV color **40.5760, -20.0040, 69.6548** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.4240, 20.0040, -69.6548**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0940, -25.6823, 70.9546**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **40.5760, -20.0040, 69.6548**, and if you desaturate by 10%, it is **48.4010, -17.9457, 62.7923**.

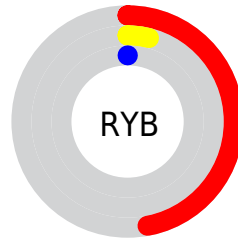
Distribution



Red (47%)

Green (3%)

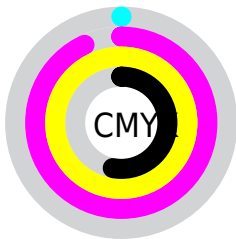
Blue (0%)



Red (47%)

Yellow (4%)

Blue (0%)

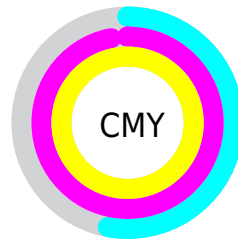


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (53%)



Cyan (53%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.5760, -20.0040, 69.6548 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 40.5760, -20.0040, 69.6548 by changing the saturation by 10% instead.

40.5760, -20.0040,
69.6548

40.5760, -20.0040,
69.6548

251.8080,
-12.2303, 2.7994

27.2090, -13.4140,
55.9447

99.0940, -25.6823,
70.9546

18.5380, -9.1392,
38.1162

125.9480,
-27.5824, 73.7136

9.9810, -4.4276,
20.1877

153.2150,
-29.1930, 76.9874


0.0000, 0.0000,
0.0000


176.1000,
-28.1503, 69.1953


195.5000,
-24.8965, 52.1815


214.9000,


-21.6427, 35.1677


 235.1150,
-17.8047, 17.4391


 40.5760, -20.0040,
69.6548

 48.4010, -17.9457,
62.7923

 56.2260, -15.8874,
55.9298

 64.6380, -14.1185,
48.5525

 72.4630, -12.0603,
41.6899

 80.2880, -10.0020,
34.8274

■ 88.1130, -7.9437,
27.9649

■ 95.9380, -5.8854,
21.1024

■ 104.3500, -4.1165,
13.7251

■ 112.1750, -2.0583,
6.8625

Harmonies

Analogous

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



43.9290, 1.5140, 74.6073



40.5760, -20.0040, 69.6548



54.2330, -26.7369, 35.7527

Triad

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



40.5760, -20.0040, 69.6548



45.5870, -10.6424, -39.9798



51.6360, 45.5355, -45.2848

Complementary

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



40.5760, -20.0040, 69.6548



79.4240, 20.0040, -69.6548

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.



57.5230, 40.1682, -50.4477



40.5760, -20.0040, 69.6548



51.4180, 9.1609, -45.0936

Square

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



40.5760, -20.0040, 69.6548



40.5030, -19.9680, -35.5211



56.2060, 27.5064, -49.2927



57.1980, 33.4264, 12.1044

Rectangle

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



40.5760, -20.0040, 69.6548



54.6990, -26.9666, 16.0500



56.2060, 27.5064, -49.2927



54.0980, 44.8147, -47.4439

Sweetspot

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



40.5760, -20.0040, 69.6548



124.8140, -7.7963, 27.3501



48.6480, 31.2325, 62.5757



59.9590, -4.4168, 16.6990



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



40.5760, -20.0040, 69.6548



52.5140, -25.8894, 90.7572



75.7960, -37.3674, 38.7669



56.7940, -0.8844, 3.6887



42.0710, -20.7410, 72.7287



85.3270, -42.0662, 146.1722

Inverse Universe

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



79.4240, 20.0040, -69.6548



102.8990, 26.1788, -90.2424



44.2040, 37.3674, -38.7669



59.2060, 0.8844, -3.6887



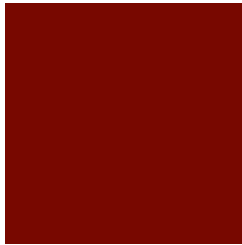
82.9290, 20.7410, -72.7287



167.2600, 41.7768, -146.6870

Previews

White Background



This preview shows how the YUV color 40.5760, -20.0040, 69.6548 looks on a white background.

Color Contrast Check

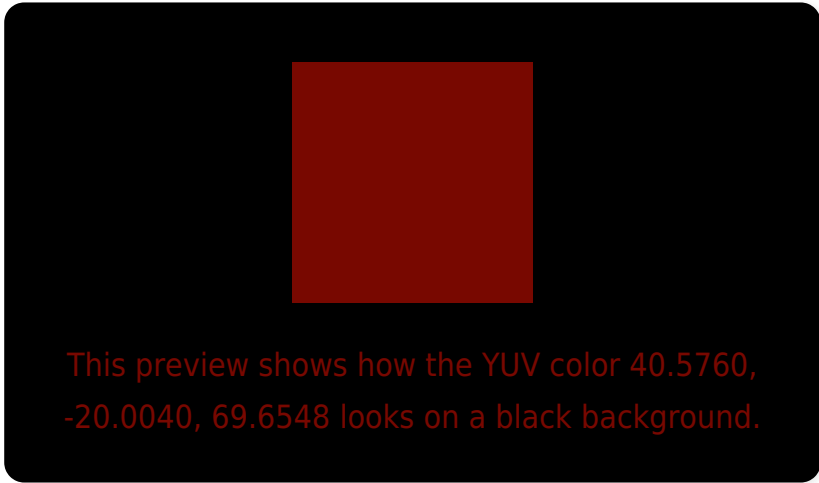
Large Text (above 18pt) WCAG AA ✓ Pass

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

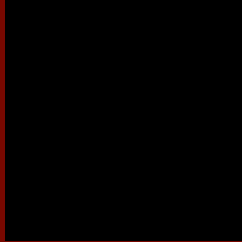
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.5760, -20.0040, 69.6548

Background



This preview shows how black text looks on a background with the YUV color 40.5760, -20.0040, 69.6548.



This preview shows how white text looks on a background with the YUV color 40.5760, -20.0040,

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

57.8490, -21.1246, 8.9024

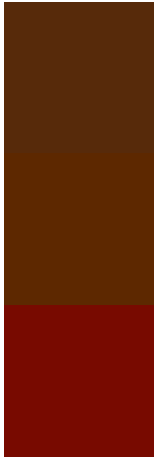
Deuteranopia

57.0690, -28.1350, 17.4795

Tritanopia

42.3370, -20.8721, 68.1105

Trichromacy



Protanomaly

51.8070, -20.6109, 30.8643

Deuteranomaly

51.2870, -25.2845, 36.5823

Tritanomaly

41.7500, -20.5827, 68.6252

Monochromacy



Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.9170, -7.3541, 25.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.5760, -20.0040, 69.6548 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(120, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 8, 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(120, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 8, 0) }
```

Border

The CSS property to change the border of an element to YUV 40.5760, -20.0040, 69.6548 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(120, 8, 0) }
```

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

```
.border{ border-color:rgb(120, 8, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 8, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(120, 8, 0); box-shadow:4px  
4px 4px 4px rgb(120, 8, 0) }
```


Background

The CSS property to change the background color of an element to YUV 40.5760, -20.0040, 69.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 8, 0) }
```

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

```
.background{ background-color: rgb(120, 8,  
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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