

Converting Colors

YUV(42.8560, -11.2680,
67.6553)

Have a look what the booklet for
YUV(42.8560, -11.2680, 67.6553)
contains.

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Color

**YUV(42.8560, -11.2680,
67.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	780814
RGB	120, 8, 20
RGB Percent	47%, 3%, 8%
CMY	0.5294, 0.9686, 0.9216
CMYK	0.00, 0.93, 0.83, 0.53
HSL	354°, 88%, 25%
HSV	354°, 93%, 47%
XYZ	7.9588, 4.2172, 1.0564
YIQ	42.8560, 62.9000, 27.4760

Conversions

Conversions Part 2

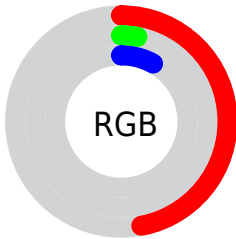
Format	Color
R_{YB}	120, 8, 20
Decimal	7866388
CIE Lab	24.38, 44.71, 26.96
CIE LCh	24, 52.207, 31.091
Yxy	4.2172, 0.6015, 0.3187
Android (android.graphics.Color)	4286056468 (0xFF780814)
YUV	42.8560, -11.2680, 67.6553
Hunter-Lab	20.5359, 33.2409, 11.3253

Details

The YUV color **42.8560, -11.2680, 67.6553** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **85.1440, 11.2680, -67.6553**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6190, -18.5462, 68.7401**, and **18.8370, -9.2866, 38.7310** is the 20% darker color. If you saturate the color by 10%, you get **37.3620, -12.0105, 72.4735**, and if you desaturate by 10%, it is **51.1540, -9.9359, 60.3779**.

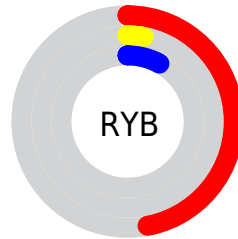
Distribution



Red (47%)

Green (3%)

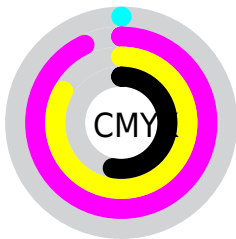
Blue (8%)



Red (47%)

Yellow (3%)

Blue (8%)

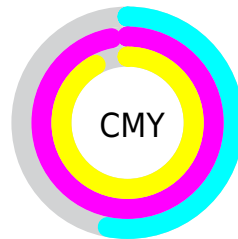


Cyan (0%)

Magenta (93%)

Yellow (83%)

Black (53%)



Cyan (53%)


Magenta (97%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 42.8560, -11.2680, 67.6553 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 42.8560, -11.2680, 67.6553 by changing the saturation by 10% instead.


 42.8560, -11.2680,
67.6553

 42.8560, -11.2680,
67.6553


 253.9740, -3.9312,
0.8998


 27.5080, -13.5614,
56.5595


 100.6190,
-18.5462, 68.7401

 18.8370, -9.2866,
38.7310

 127.4730,
-20.4462, 71.4992

 10.2800, -4.5750,
20.8024

 155.4410,
-21.9094, 74.1582

 0.0000, 0.0000,
0.0000

 178.6250,
-21.0141, 66.9809

 198.0250,
-17.7603, 49.9671

 217.5390,

-14.0697, 32.8533

237.1670, -9.9423,
15.6395

42.8560, -11.2680,
67.6553

42.8560, -11.2680,
67.6553

37.3620, -12.0105,
72.4735

51.1540, -9.9359,
60.3779

59.3380, -9.0406,
53.2006

67.6360, -7.7085,
45.9232

75.9340, -6.3765,
38.6459

84.2320, -5.0444,
31.3685

■ 92.4160, -4.1491,
24.1912

■ 100.7140, -2.8170,
16.9138

■ 109.0120, -1.4849,
9.6365

■ 117.1960, -0.5896,
2.4591

Harmonies

Analogous

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



43.3890, 7.2032, 69.8188



42.8560, -11.2680, 67.6553



53.6790, -26.4637, 41.5005

Triad

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



42.8560, -11.2680, 67.6553



43.9740, -14.2842, -38.5652



52.7130, 42.0465, -46.2293

Complementary

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



42.8560, -11.2680, 67.6553



85.1440, 11.2680, -67.6553

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.



56.1550, 34.9266, -49.2479



42.8560, -11.2680, 67.6553



50.0500, 3.9194, -43.8939

Square

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



42.8560, -11.2680, 67.6553



48.5980, -23.9588, -15.4334



54.6100, 21.3913, -47.8930



56.9140, 34.0594, -4.3096

Rectangle

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



42.8560, -11.2680, 67.6553



55.0420, -27.1357, 23.6422



54.6100, 21.3913, -47.8930



54.9470, 40.4521, -48.1885

Sweetspot

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



42.8560, -11.2680, 67.6553



125.7260, -4.3019, 26.5503



50.3690, 34.3281, 49.6654



60.4150, -2.6696, 16.2990



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.



42.8560, -11.2680, 67.6553



48.5820, -15.5699, 94.2056



66.7290, -28.9534, 46.7187



56.9080, -0.4476, 3.5887



38.8570, -12.7475, 75.5474



78.4260, -25.3530, 152.2244

Inverse Universe

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



42.8560, -11.2680, 67.6553



48.5820, -15.5699, 94.2056



61.2710, 28.9534, -46.7187



56.9080, -0.4476, 3.5887



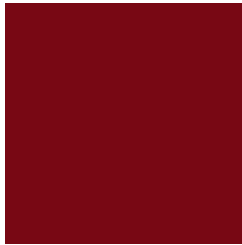
38.8570, -12.7475, 75.5474



78.4260, -25.3530, 152.2244

Previews

White Background



This preview shows how the YUV color 42.8560, -11.2680, 67.6553 looks on a white background.

Color Contrast Check

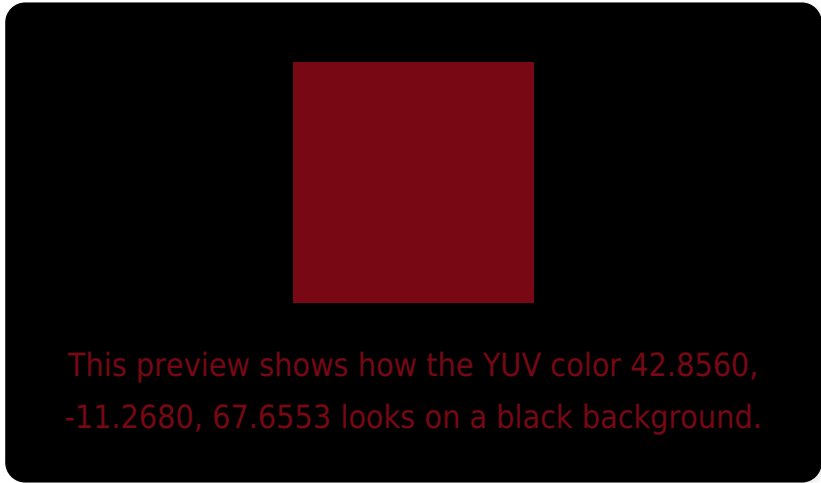
Large Text (above 18pt) WCAG AA ✓ Pass

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

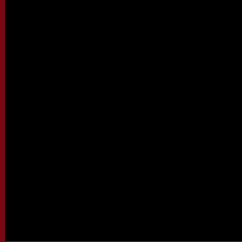
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.8560, -11.2680, 67.6553

Background



This preview shows how black text looks on a background with the YUV color 42.8560, -11.2680, 67.6553.



This preview shows how white text looks on a background with the YUV color 42.8560, -11.2680,

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

42.8560, -11.2680, 67.6553

Protanopia

59.4880, -13.5516, 6.5880

Deuteranopia

57.8670, -25.0774, 16.7796



Tritanopia

42.9070, -18.6882, 67.6106

Trichromacy



Original Color

42.8560, -11.2680, 67.6553

Protanomaly

53.5600, -12.6011, 28.4499

Deuteranomaly

52.6550, -20.0429, 35.3826

Tritanomaly

42.8900, -16.2148, 67.6255

Monochromacy



Original Color

42.8560, -11.2680, 67.6553

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8290, -3.8597, 24.7060

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.8560, -11.2680, 67.6553 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, 20)` looks like.

```
.text, #text, p{  
    color:rgb(120, 8, 20)  
}
```

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, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 8, 20) }
```

Border

The CSS property to change the border of an element to YUV 42.8560, -11.2680, 67.6553 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, 20) }
```


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

```
.border{ border-color:rgb(120, 8, 20) }
```

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, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 8, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 8, 20);  
box-shadow:4px 4px 4px 4px rgb(120, 8, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.8560, -11.2680, 67.6553 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, 20) }
```

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

```
.background{ background-color: rgb(120, 8,  
20) }
```

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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