

Converting Colors

YUV(56.6480, 14.4705, 72.2227)

Have a look what the booklet for
YUV(56.6480, 14.4705, 72.2227)
contains.

YUV(56.6480, 14.4705, 72.2227)	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>	31

Color

**YUV(56.6480, 14.4705,
72.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0956
RGB	139, 9, 86
RGB Percent	55%, 4%, 34%
CMY	0.4549, 0.9647, 0.6627
CMYK	0.00, 0.94, 0.38, 0.45
HSL	324°, 88%, 29%
HSV	324°, 94%, 55%
XYZ	12.4249, 6.3562, 9.3761
YIQ	56.6480, 52.7630, 51.5070

Conversions

Conversions Part 2

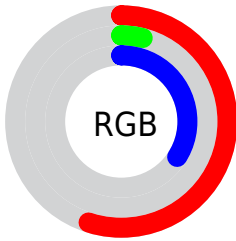
Format	Color
RYB	139, 9, 86
Decimal	9111894
CIELab	30.29, 54.22, -8.50
CIELCh	30, 54.878, 351.088
Yxy	6.3562, 0.4413, 0.2257
Android (android.graphics.Color)	4287301974 (0xFF8B0956)
YUV	56.6480, 14.4705, 72.2227
Hunter-Lab	25.2116, 43.8489, -4.4017

Details

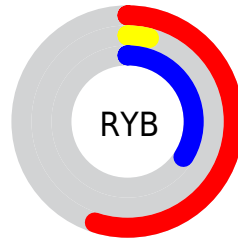
The YUV color **56.6480, 14.4705, 72.2227** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **91.3520, -14.4705, -72.2227**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4320, 8.6610, 68.9041**, and **29.4910, 5.6739, 46.9274** is the 20% darker color. If you saturate the color by 10%, you get **50.9090, 15.3279, 77.2558**, and if you desaturate by 10%, it is **65.5500, 13.0399, 64.4156**.

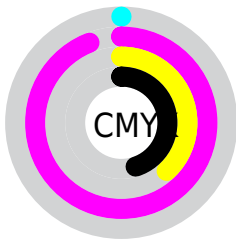
Distribution



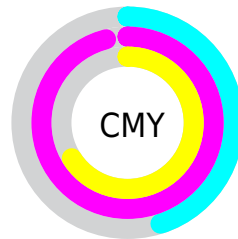
- Red (55%)
- Green (4%)
- Blue (34%)



- Red (55%)
- Yellow (4%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (38%)
- Black (45%)





- Cyan (45%)
- Magenta (96%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 56.6480, 14.4705, 72.2227 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 56.6480, 14.4705, 72.2227 by changing the saturation by 10% instead.

 56.6480, 14.4705,
72.2227

 56.6480, 14.4705,
72.2227


255.0000, 0.0000,
0.0000


 40.3710, 11.1561,
61.9416


 118.4320, 8.6610,
68.9041


 29.4910, 5.6739,
46.9274

 146.5030, 7.6400,
69.7189


 20.0350, 0.4757,
34.1723

 174.1010, 7.3452,
70.9484

 7.5890, -3.2484,
15.2694

 193.7290, 11.4726,
53.7347


 0.0000, 0.0000,
0.0000


 213.3570, 15.6000,
36.5209

 231.5200, 11.5756,


20.5920


 248.5430, 3.1833,
5.6628

 56.6480, 14.4705,
72.2227


 56.6480, 14.4705,
72.2227

 50.9090, 15.3279,
77.2558

 65.5500, 13.0399,
64.4156

 74.3380, 11.1724,
56.7086

 83.2400, 9.7417,
48.9015

 92.1420, 8.3110,
41.0945

 100.3430, 6.7329,
33.9022

■ 109.2450, 5.3022,
26.0951

■ 118.1470, 3.8715,
18.2881

■ 126.9350, 2.0040,
10.5810

■ 135.8370, 0.5734,
2.7740

Harmonies

Analogous

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



71.3100, 26.9622, 32.1771



56.6480, 14.4705, 72.2227



55.9910, -5.9116, 76.3069

Triad

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



56.6480, 14.4705, 72.2227



63.7260, -31.4169, -3.2677



67.3880, 34.8117, -59.0993

Complementary

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



56.6480, 14.4705, 72.2227



91.3520, -14.4705, -72.2227

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.



63.7570, 18.3608, -55.9149



56.6480, 14.4705, 72.2227



50.6930, -21.5406, -44.4578

Square

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



56.6480, 14.4705, 72.2227



67.7560, -33.4037, 27.4010



58.1540, -0.5689, -51.0011



65.4450, 45.1366, -57.3953

Rectangle

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



56.6480, 14.4705, 72.2227



62.7340, -23.0399, 63.3773



58.1540, -0.5689, -51.0011



66.7210, 29.7175, -58.5143

Sweetspot

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



56.6480, 14.4705, 72.2227



148.6690, 5.5862, 28.3543



39.3680, 49.1186, 18.9713



72.3210, 3.2927, 17.2585



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



56.6480, 14.4705, 72.2227



66.3170, 20.0567, 100.5770



49.3520, -13.4845, 78.6213



64.5490, 0.7153, 3.9035



48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Inverse Universe

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



56.6480, 14.4705, 72.2227



66.3170, 20.0567, 100.5770



98.6480, 13.4845, -78.6213



64.5490, 0.7153, 3.9035



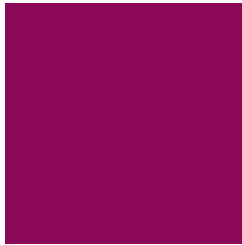
48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 56.6480, 14.4705, 72.2227 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

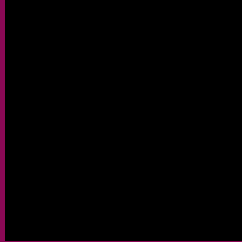
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.6480, 14.4705, 72.2227

Background



This preview shows how black text looks on a background with the YUV color 56.6480, 14.4705, 72.2227.



This preview shows how white text looks on a background with the YUV color 56.6480, 14.4705,

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

56.6480, 14.4705, 72.2227

Protanopia

72.1330, 25.0774, -16.7796

Deuteranopia

74.7060, 2.6099, 2.8888



Tritanopia

65.3130, -14.4513, 61.9925

Trichromacy



Original Color

56.6480, 14.4705, 72.2227

Protanomaly

66.4190, 21.4854, 15.4185

Deuteranomaly

68.0110, 6.8966, 28.0544

Tritanomaly

62.3810, -4.1318, 65.4409

Monochromacy



Original Color

56.6480, 14.4705, 72.2227

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2450, 5.3022, 26.0951

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.6480, 14.4705, 72.2227 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(139, 9, 86)` looks like.

```
.text, #text, p{  
    color:rgb(139, 9, 86)  
}
```

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(139, 9, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 9, 86) }
```

Border

The CSS property to change the border of an element to YUV 56.6480, 14.4705, 72.2227 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(139, 9, 86) }
```


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

```
.border{ border-color:rgb(139, 9, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 9, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 9, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 9, 86);  
box-shadow:4px 4px 4px 4px rgb(139, 9, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.6480, 14.4705, 72.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 9, 86) }
```

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

```
.background{ background-color: rgb(139, 9,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor