

Converting Colors

YUV(56.1780, -23.2588,
40.1859)

Have a look what the booklet for
YUV(56.1780, -23.2588, 40.1859)
contains.

YUV(56.1780, -23.2588, 40.1859)	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(56.1780, -23.2588,
40.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	662A09
RGB	102, 42, 9
RGB Percent	40%, 16%, 4%
CMY	0.6000, 0.8353, 0.9647
CMYK	0.00, 0.59, 0.91, 0.60
HSL	21°, 84%, 22%
HSV	21°, 91%, 40%
XYZ	6.3568, 4.5004, 0.7921
YIQ	56.1780, 46.3530, 2.4570

Conversions

Conversions Part 2

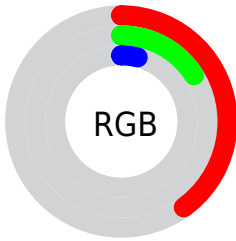
Format	Color
RYB	102, 60, 9
Decimal	6695433
CIELab	25.26, 25.11, 32.22
CIELCh	25, 40.850, 52.078
Yxy	4.5004, 0.5457, 0.3863
Android (android.graphics.Color)	4284885513 (0xFF662A09)
YUV	56.1780, -23.2588, 40.1859
Hunter-Lab	21.2142, 16.3620, 12.6362

Details

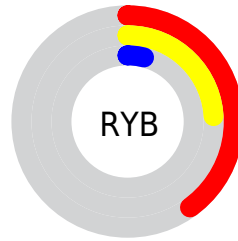
The YUV color **56.1780, -23.2588, 40.1859** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.8220, 23.2588, -40.1859**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6410, -25.4590, 45.9188**, and **14.6510, -7.2229, 30.1241** is the 20% darker color. If you saturate the color by 10%, you get **51.6300, -25.4536, 44.1745**, and if you desaturate by 10%, it is **61.4270, -20.9165, 35.5825**.

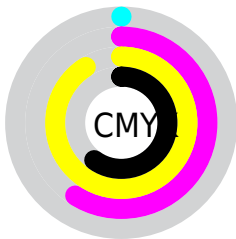
Distribution



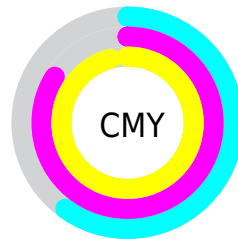
- Red (40%)
- Green (16%)
- Blue (4%)



- Red (40%)
- Yellow (24%)
- Blue (4%)



- Cyan (0%)
- Magenta (59%)
- Yellow (91%)
- Black (60%)





- Cyan (60%)
- Magenta (84%)
- Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 56.1780, -23.2588, 40.1859 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 56.1780, -23.2588, 40.1859 by changing the saturation by 10% instead.


 56.1780, -23.2588,
40.1859


 56.1780, -23.2588,
40.1859


 252.9480, -7.8624,
1.7996


 33.5780, -16.5540,
36.3271

 105.6410,
-25.4590, 45.9188


 14.6510, -7.2229,
30.1241


 131.7230,
-26.4854, 48.4779

 3.5880, -1.7689,
7.3773

 158.3920,
-27.8013, 50.5222

 0.0000, 0.0000,
0.0000

 186.0610,
-29.1171, 52.5665

 207.6790,
-26.4637, 41.5005

 227.1930,

-22.7731, 24.3867

■ 247.2940,
-19.3719, 6.7582

■ 56.1780, -23.2588,
40.1859

■ 56.1780, -23.2588,
40.1859

■ 51.6300, -25.4536,
44.1745

■ 61.4270, -20.9165,
35.5825

■ 66.0890, -18.2849,
31.4939

■ 71.4520, -15.5058,
26.7906

■ 76.1140, -12.8742,
22.7020

■ 81.3630, -10.5320,
18.0986

■ 86.0250, -7.9003,
14.0101

■ 91.2740, -5.5581,
9.4067

■ 96.6370, -2.7790,
4.7034

■ 101.2990, -0.1474,
0.6148

Harmonies

Analogous

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



54.6690, -7.7248, 51.1563



56.1780, -23.2588, 40.1859



57.0910, -28.1459, 20.9682

Triad

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



56.1780, -23.2588, 40.1859



48.5510, 0.7144, -42.5792



57.3980, 29.8768, -16.1350

Complementary

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



56.1780, -23.2588, 40.1859



54.8220, 23.2588, -40.1859

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.



52.6500, 34.1895, -46.1741



56.1780, -23.2588, 40.1859



52.7860, 14.4025, -46.2933

Square

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



56.1780, -23.2588, 40.1859



44.0280, -12.8318, -37.7356



54.5760, 26.3380, -47.8632



61.2630, 18.1113, 24.3253

Rectangle

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



56.1780, -23.2588, 40.1859



55.2310, -27.2289, 6.8134



54.5760, 26.3380, -47.8632



48.4270, 35.7785, -42.4705

Sweetspot

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



56.1780, -23.2588, 40.1859



115.3950, -9.0687, 15.4396



43.6470, 12.4990, 51.1756



55.9750, -5.4107, 8.7919



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



56.1780, -23.2588, 40.1859



67.3560, -33.2065, 57.5698



83.1800, -36.5707, 16.5051



48.6690, -1.3158, 2.0443



58.4520, -28.8168, 49.5926



122.8400, -60.5601, 104.5033

Inverse Universe

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



54.8220, 23.2588, -40.1859



65.6440, 33.2065, -57.5698



27.8200, 36.5707, -16.5051



48.3310, 1.3158, -2.0443



56.5480, 28.8168, -49.5926



119.1600, 60.5601, -104.5033

Previews

White Background



This preview shows how the YUV color 56.1780, -23.2588, 40.1859 looks on a white background.

Color Contrast Check

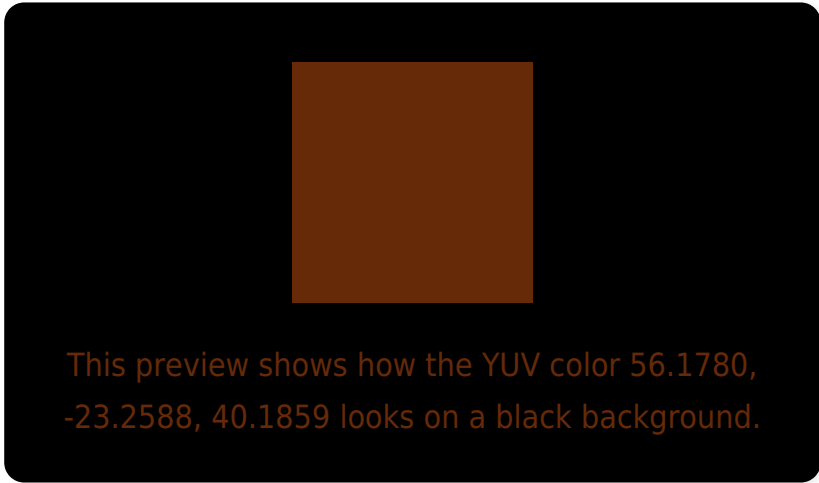
Large Text (above 18pt) WCAG AA ✓ Pass

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

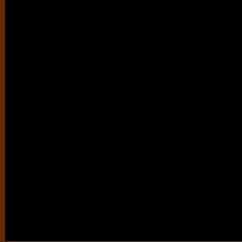
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.1780, -23.2588, 40.1859

Background



This preview shows how black text looks on a background with the YUV color 56.1780, -23.2588, 40.1859.



This preview shows how white text looks on a background with the YUV color 56.1780, -23.2588, 40.1859.

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

56.1780, -23.2588, 40.1859

Protanopia

58.0340, -21.7088, 9.6172

Deuteranopia

57.0690, -28.1350, 17.4795



Tritanopia

58.4780, -8.1237, 39.0458

Trichromacy



Original Color

56.1780, -23.2588, 40.1859

Protanomaly

57.2850, -22.3255, 20.7981

Deuteranomaly

56.5800, -26.4149, 25.8013

Tritanomaly

57.6970, -13.6546, 39.7307

Monochromacy



Original Color

56.1780, -23.2588, 40.1859

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2100, -8.4845, 14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.1780, -23.2588, 40.1859 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(102, 42, 9)` looks like.

```
.text, #text, p{  
    color:rgb(102, 42, 9)  
}
```

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(102, 42, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 42, 9) }
```

Border

The CSS property to change the border of an element to YUV 56.1780, -23.2588, 40.1859 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(102, 42, 9) }
```


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

```
.border{ border-color:rgb(102, 42, 9) }
```

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

Here you see how a box with a 4 pixel rgb(102, 42, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 42, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 42, 9);  
box-shadow:4px 4px 4px 4px rgb(102, 42, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.1780, -23.2588, 40.1859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 42, 9) }
```

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

```
.background{ background-color: rgb(102, 42,  
9) }
```

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