

Converting Colors

YUV(58.6440, -23.4885,
20.4832)

Have a look what the booklet for
YUV(58.6440, -23.4885, 20.4832)
contains.

YUV(58.6440, -23.4885, 20.4832)	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(58.6440, -23.4885,
20.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	52380B
RGB	82, 56, 11
RGB Percent	32%, 22%, 4%
CMY	0.6784, 0.7804, 0.9569
CMYK	0.00, 0.32, 0.87, 0.68
HSL	38°, 76%, 18%
HSV	38°, 87%, 32%
XYZ	4.9543, 4.6463, 0.9523
YIQ	58.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

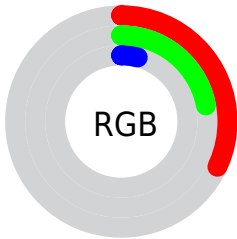
Format	Color
R_{YB}	52, 82, 11
Decimal	5388299
CIE Lab	25.70, 7.02, 30.69
CIE LCh	26, 31.486, 77.114
Yxy	4.6463, 0.4695, 0.4403
Android (android.graphics.Color)	4283578379 (0xFF52380B)
YUV	58.6440, -23.4885, 20.4832
Hunter-Lab	21.5554, 3.3042, 12.4693

Details

The YUV color **58.6440, -23.4885, 20.4832** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **34.3560, 23.4885, -20.4832**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3240, -24.8097, 24.2719**, and **18.0850, -8.9159, 13.0805** is the 20% darker color. If you saturate the color by 10%, you get **55.9710, -26.1147, 22.8274**, and if you desaturate by 10%, it is **61.3170, -20.8623, 18.1390**.

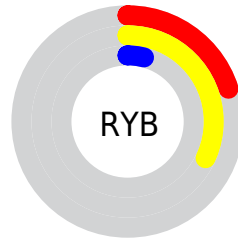
Distribution



Red (32%)

Green (22%)

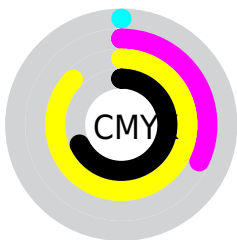
Blue (4%)



Red (20%)

Yellow (32%)

Blue (4%)

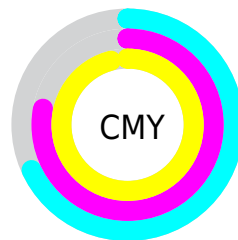


Cyan (0%)

Magenta (32%)

Yellow (87%)

Black (68%)



Cyan (68%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6440, -23.4885, 20.4832 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 58.6440, -23.4885, 20.4832 by changing the saturation by 10% instead.

■ 58.6440, -23.4885,
20.4832

■ 58.6440, -23.4885,
20.4832

■ 253.2900, -6.5520,
1.4997

■ 37.8870, -18.6783,
17.6391

■ 107.3240,
-24.8097, 24.2719

■ 18.0850, -8.9159,
13.0805

■ 132.6940,
-25.9781, 25.7014

■ 0.0000, 0.0000,
0.0000

■ 159.1780,
-26.7098, 27.0309

■ 185.6620,
-27.4414, 28.3604

■ 214.1460,
-28.1730, 29.6900

■ 235.7530,

-25.5142, 16.8796

■ 250.0980,
-18.7823, 4.2991

■ 58.6440, -23.4885,
20.4832

■ 58.6440, -23.4885,
20.4832

■ 55.9710, -26.1147,
22.8274

■ 61.3170, -20.8623,
18.1390

■ 55.0420, -27.1357,
23.6422

■ 63.9900, -18.2361,
15.7948

■ 66.7770, -15.1731,
13.3506

■ 69.4500, -12.5469,
11.0063

■ 72.1230, -9.9206,
8.6621

■ 74.7960, -7.2944,
6.3179

■ 77.4690, -4.6682,
3.9737

■ 80.2560, -1.6052,
1.5295

■ 82.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



59.3820, -15.9643, 33.8680



58.6440, -23.4885, 20.4832



56.6480, -22.9975, 2.9397

Triad

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



58.6440, -23.4885, 20.4832



50.7000, 11.4869, -44.4639



63.1000, 15.2337, 13.9443

Complementary

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



58.6440, -23.4885, 20.4832



34.3560, 23.4885, -20.4832

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.



59.3890, 23.4722, -15.2502



58.6440, -23.4885, 20.4832



52.5070, 20.9490, -46.0486

Square

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



58.6440, -23.4885, 20.4832



47.8500, 0.5670, -41.9644



50.9400, 27.6376, -44.6744



61.2890, 5.2805, 33.0725

Rectangle

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



58.6440, -23.4885, 20.4832



55.0530, -17.2811, -10.5705



50.9400, 27.6376, -44.6744



62.4410, 18.0236, 5.7522

Sweetspot

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



58.6440, -23.4885, 20.4832



97.9380, -9.3364, 7.9474



35.1930, 0.8909, 41.0497



47.9530, -5.3998, 5.3032



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



58.6440, -23.4885, 20.4832



71.9090, -35.4511, 30.7748



71.2150, -29.6860, 1.5654



39.3700, -1.1684, 1.4295



70.1370, -34.5775, 30.5749



155.6570, -76.7389, 66.9528

Inverse Universe

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



34.3560, 23.4885, -20.4832



35.0910, 35.4511, -30.7748



21.7850, 29.6860, -1.5654



38.0430, 1.4578, -0.9147



34.2760, 34.8669, -30.0601



76.3430, 76.7389, -66.9528

Previews

White Background



This preview shows how the YUV color 58.6440, -23.4885, 20.4832 looks on a white background.

Color Contrast Check

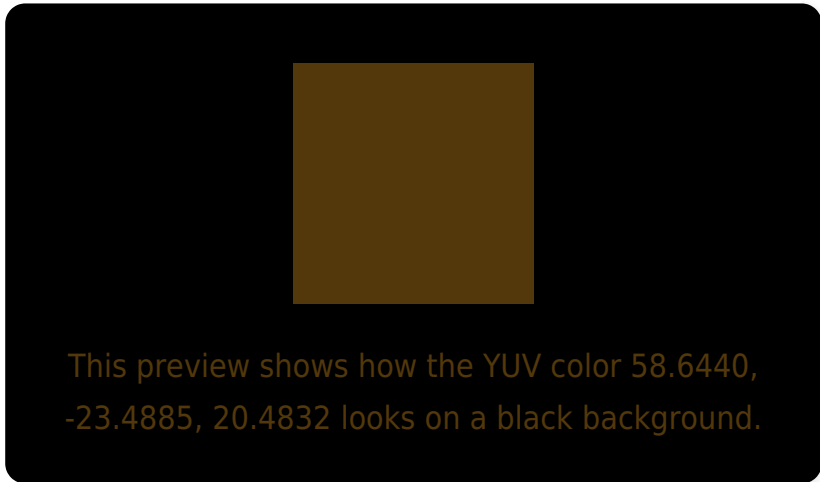
Large Text (above 18pt) WCAG AA ✓ Pass

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

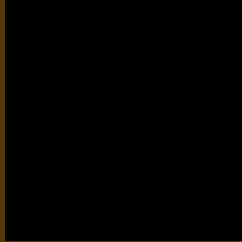
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.6440, -23.4885, 20.4832

Background



This preview shows how black text looks on a background with the YUV color 58.6440, -23.4885, 20.4832.



This preview shows how white text looks on a background with the YUV color 58.6440, -23.4885,

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

58.6440, -23.4885, 20.4832

Protanopia

57.8060, -22.5824, 9.8171

Deuteranopia

58.0950, -24.2038, 16.5797



Tritanopia

62.0240, -2.9698, 19.2730

Trichromacy



Original Color

58.6440, -23.4885, 20.4832

Protanomaly

58.1270, -22.7406, 13.9206

Deuteranomaly

58.2200, -23.7725, 18.2241

Tritanomaly

60.4880, -10.1006, 19.7430

Monochromacy



Original Color

58.6440, -23.4885, 20.4832

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8670, -8.3154, 7.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6440, -23.4885, 20.4832 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(82, 56, 11)` looks like.

```
.text, #text, p{  
    color:rgb(82, 56, 11)  
}
```

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(82, 56, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 56, 11) }
```

Border

The CSS property to change the border of an element to YUV 58.6440, -23.4885, 20.4832 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(82, 56, 11) }
```


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

```
.border{ border-color:rgb(82, 56, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 56, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 56, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 56, 11);  
box-shadow:4px 4px 4px 4px rgb(82, 56, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.6440, -23.4885, 20.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 56, 11) }
```

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

```
.background{ background-color: rgb(82, 56,  
11) }
```

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