

Converting Colors

YUV(48.3600, -12.5025,
43.5343)

Have a look what the booklet for
YUV(48.3600, -12.5025, 43.5343)
contains.

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Color

**YUV(48.3600, -12.5025,
43.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	621C17
RGB	98, 28, 23
RGB Percent	38%, 11%, 9%
CMY	0.6157, 0.8902, 0.9098
CMYK	0.00, 0.71, 0.77, 0.62
HSL	4°, 62%, 24%
HSV	4°, 77%, 38%
XYZ	5.6069, 3.4890, 1.1885
YIQ	48.3600, 43.3250, 13.2850

Conversions

Conversions Part 2

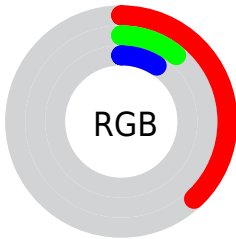
Format	Color
R_{YB}	98, 28, 23
Decimal	6429719
CIE _{Lab}	21.90, 31.26, 20.99
CIE _{LCh}	22, 37.650, 33.879
Yxy	3.4890, 0.5452, 0.3393
Android (android.graphics.Color)	4284619799 (0xFF621C17)
YUV	48.3600, -12.5025, 43.5343
Hunter-Lab	18.6790, 20.8926, 9.3026

Details

The YUV color **48.3600, -12.5025, 43.5343** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **72.6400, 12.5025, -43.5343**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1820, -15.8657, 48.9524**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **41.9370, -14.2659, 49.1673**, and if you desaturate by 10%, it is **54.7830, -10.7390, 37.9013**.

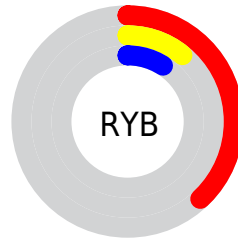
Distribution



Red (38%)

Green (11%)

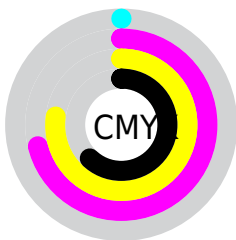
Blue (9%)



Red (38%)

Yellow (11%)

Blue (9%)

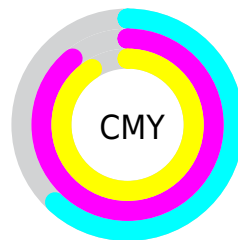


Cyan (0%)

Magenta (71%)

Yellow (77%)

Black (62%)



Cyan (62%)


Magenta (89%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 48.3600, -12.5025, 43.5343 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 48.3600, -12.5025, 43.5343 by changing the saturation by 10% instead.


 48.3600, -12.5025,
43.5343

 48.3600, -12.5025,
43.5343

 254.4300, -2.1840,
0.4999

 22.7020, -11.1921,
43.2343

 98.1820, -15.8657,
48.9524


 14.0530, -6.9281,
28.8945

 123.9650,
-16.7447, 50.8967

 0.0000, 0.0000,
0.0000

 150.6340,
-18.0606, 52.9410

 177.8300,
-18.6502, 55.4001

 201.4160,
-17.4601, 46.9932

 220.9300,

-13.7695, 29.8794

■ 240.5580, -9.6421,
12.6656

■ 48.3600, -12.5025,
43.5343

■ 48.3600, -12.5025,
43.5343

■ 41.9370, -14.2659,
49.1673

■ 54.7830, -10.7390,
37.9013

■ 35.5140, -16.0294,
54.8002

■ 61.2060, -8.9756,
32.2683

■ 33.4110, -16.4716,
56.6446

■ 67.5150, -7.6489,
26.7353

■ 74.5250, -6.1748,
20.5876

■ 80.9480, -4.4114,
14.9546

■ 87.3710, -2.6479,
9.3216

■ 93.7940, -0.8844,
3.6887

■ 100.1030, 0.4422,
-1.8443

■ 106.5260, 2.2057,
-7.4773

Harmonies

Analogous

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



47.6390, 1.1640, 46.7976



48.3600, -12.5025, 43.5343



49.1830, -24.2472, 30.5345

Triad

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



48.3600, -12.5025, 43.5343



39.9450, -6.8749, -35.0318



44.7110, 31.6945, -39.2115

Complementary

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



48.3600, -12.5025, 43.5343



72.6400, 12.5025, -43.5343

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.



48.1360, 27.0480, -42.2153



48.3600, -12.5025, 43.5343



44.4250, 5.2135, -38.9607

Square

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



48.3600, -12.5025, 43.5343



44.5000, -21.9385, -10.0855



47.6170, 17.4438, -41.7601



53.2710, 22.5444, 2.3933

Rectangle

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



48.3600, -12.5025, 43.5343



49.6930, -24.4986, 17.8092



47.6170, 17.4438, -41.7601



46.3580, 30.3895, -40.6560

Sweetspot

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



48.3600, -12.5025, 43.5343



108.1440, -5.0010, 17.4137



53.4050, 19.5203, 39.1098



51.9690, -2.9427, 10.5512



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



48.3600, -12.5025, 43.5343



49.9780, -19.7092, 68.4253



70.6660, -23.4993, 23.9719



45.1960, -0.5896, 2.4591



37.5970, -18.5353, 65.2514



81.1520, -40.0079, 139.3097

Inverse Universe

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



72.6400, 12.5025, -43.5343



88.0220, 19.7092, -68.4253



50.9210, 23.2099, -24.4867



46.8040, 0.5896, -2.4591



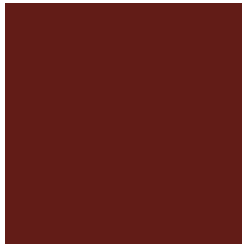
74.4030, 18.5353, -65.2514



158.8480, 40.0079, -139.3097

Previews

White Background



This preview shows how the YUV color 48.3600, -12.5025, 43.5343 looks on a white background.

Color Contrast Check

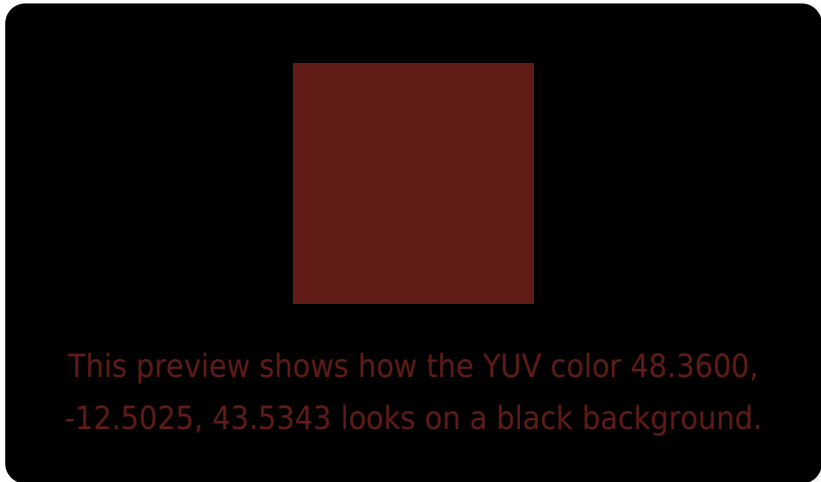
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3600, -12.5025, 43.5343

Background



This preview shows how black text looks on a background with the YUV color 48.3600, -12.5025, 43.5343.

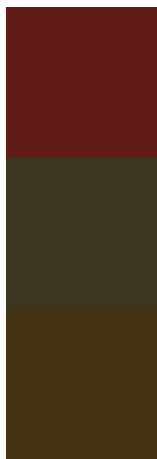


This preview shows how white text looks on a background with the YUV color 48.3600, -12.5025,

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

48.3600, -12.5025, 43.5343

Protanopia

52.8730, -10.7834, 5.3734

Deuteranopia

52.3210, -16.9203, 13.7505



Tritanopia

48.3430, -10.0291, 43.5492

Trichromacy



Original Color

48.3600, -12.5025, 43.5343

Protanomaly

51.4340, -11.5530, 18.9134

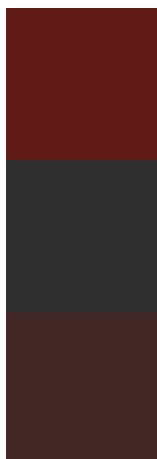
Deuteranomaly

51.1420, -15.3530, 24.4315

Tritanomaly

48.1150, -10.9027, 43.7491

Monochromacy



Original Color

48.3600, -12.5025, 43.5343

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2470, -4.5588, 15.5694

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3600, -12.5025, 43.5343 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(98, 28, 23)` looks like.

```
.text, #text, p{  
    color:rgb(98, 28, 23)  
}
```

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(98, 28, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 28, 23) }
```

Border

The CSS property to change the border of an element to YUV 48.3600, -12.5025, 43.5343 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(98, 28, 23) }
```


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

```
.border{ border-color:rgb(98, 28, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 28, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 28, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 28, 23);  
box-shadow:4px 4px 4px 4px rgb(98, 28, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.3600, -12.5025, 43.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 28, 23) }
```

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

```
.background{ background-color: rgb(98, 28,  
23) }
```

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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