

Converting Colors

YUV(54.8400, -20.6271,
36.0973)

Have a look what the booklet for
YUV(54.8400, -20.6271, 36.0973)
contains.

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Color

**YUV(54.8400, -20.6271,
36.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	602A0D
RGB	96, 42, 13
RGB Percent	38%, 16%, 5%
CMY	0.6235, 0.8353, 0.9490
CMYK	0.00, 0.56, 0.86, 0.62
HSL	21°, 76%, 21%
HSV	21°, 86%, 38%
XYZ	5.7245, 4.1718, 0.8843
YIQ	54.8400, 41.4930, 2.4290

Conversions

Conversions Part 2

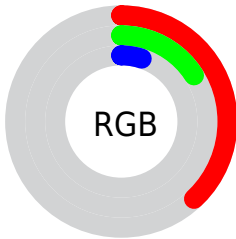
Format	Color
RYB	96, 58, 13
Decimal	6302221
CIELab	24.23, 22.58, 29.13
CIElCh	24, 36.856, 52.219
Yxy	4.1718, 0.5310, 0.3870
Android (android.graphics.Color)	4284492301 (0xFF602A0D)
YUV	54.8400, -20.6271, 36.0973
Hunter-Lab	20.4249, 14.2844, 11.7305

Details

The YUV color **54.8400, -20.6271, 36.0973** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.1600, 20.6271, -36.0973**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8900, -23.1168, 41.3155**, and **13.1560, -6.4859, 27.0502** is the 20% darker color. If you saturate the color by 10%, you get **50.1780, -23.2588, 40.1859**, and if you desaturate by 10%, it is **59.5020, -17.9955, 32.0087**.

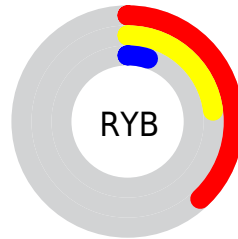
Distribution



Red (38%)

Green (16%)

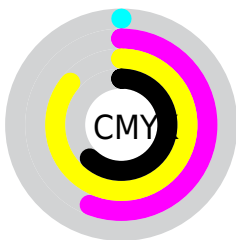
Blue (5%)



Red (38%)

Yellow (23%)

Blue (5%)

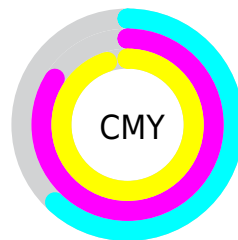


Cyan (0%)

Magenta (56%)

Yellow (86%)

Black (62%)



Cyan (62%)


Magenta (84%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.8400, -20.6271, 36.0973 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 54.8400, -20.6271, 36.0973 by changing the saturation by 10% instead.


 54.8400, -20.6271,
36.0973

 54.8400, -20.6271,
36.0973


 253.2900, -6.5520,
1.4997

 32.6700, -16.1063,
32.7384

 103.8900,
-23.1168, 41.3155

 13.1560, -6.4859,
27.0502

 129.8580,
-24.5800, 43.9745

 0.0000, 0.0000,
0.0000

 156.0540,
-25.1696, 46.4336

 183.4240,
-26.3380, 47.8632

 207.4340,
-24.8640, 41.7154

 226.9480,

-21.1734, 24.6016

■ 247.0490,
-17.7722, 6.9730

■ 54.8400, -20.6271,
36.0973

■ 54.8400, -20.6271,
36.0973

■ 50.1780, -23.2588,
40.1859

■ 59.5020, -17.9955,
32.0087

■ 48.6620, -23.9904,
41.5154

■ 64.0500, -15.8006,
28.0202

■ 69.2990, -13.4584,
23.4168

■ 73.8470, -11.2636,
19.4282

■ 78.5090, -8.6319,
15.3396

■ 83.1710, -6.0003,
11.2510

■ 88.3060, -4.0949,
6.7476

■ 92.9680, -1.4632,
2.6591

■ 97.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



54.2230, -7.9979, 45.4084



54.8400, -20.6271, 36.0973



54.7210, -26.9775, 19.5387

Triad

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



54.8400, -20.6271, 36.0973



46.6760, 1.1457, -40.9349



56.0950, 26.0822, -12.3613

Complementary

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



54.8400, -20.6271, 36.0973



54.1600, 20.6271, -36.0973

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.



49.8630, 31.1265, -43.7299



54.8400, -20.6271, 36.0973



49.9820, 13.8129, -43.8342

Square

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



54.8400, -20.6271, 36.0973



44.7130, -11.6905, -30.4433



51.4300, 24.4380, -45.1041



59.0840, 16.2276, 21.8513

Rectangle

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



54.8400, -20.6271, 36.0973



53.1600, -26.2079, 5.9987



51.4300, 24.4380, -45.1041



49.2170, 30.9520, -34.3933

Sweetspot

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



54.8400, -20.6271, 36.0973



108.9110, -8.3371, 14.1101



44.0870, 11.7891, 45.5277



54.0890, -4.9739, 8.6919



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.



54.8400, -20.6271, 36.0973



63.2030, -31.1591, 54.1960



78.3200, -32.2028, 15.5054



45.7830, -0.8790, 1.9443



56.3810, -27.7958, 48.7779



121.0680, -59.6865, 104.3034

Inverse Universe

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



54.1600, 20.6271, -36.0973



61.7970, 31.1591, -54.1960



30.6800, 32.2028, -15.5054



46.2170, 0.8790, -1.9443



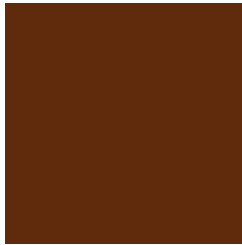
55.6190, 27.7958, -48.7779



118.9320, 59.6865, -104.3034

Previews

White Background



This preview shows how the YUV color 54.8400, -20.6271, 36.0973 looks on a white background.

Color Contrast Check

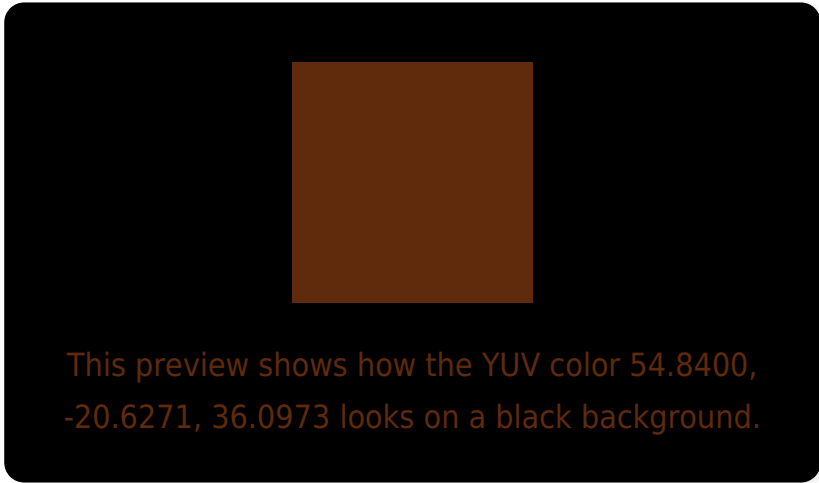
Large Text (above 18pt) WCAG AA ✓ Pass

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

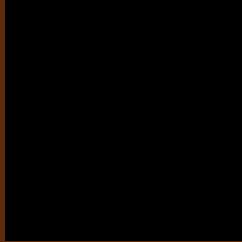
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8400, -20.6271, 36.0973

Background



This preview shows how black text looks on a background with the YUV color 54.8400, -20.6271, 36.0973.



This preview shows how white text looks on a background with the YUV color 54.8400, -20.6271,

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

54.8400, -20.6271, 36.0973

Protanopia

56.3050, -19.3774, 8.5025

Deuteranopia

55.2260, -26.2404, 16.4648



Tritanopia

56.6840, -7.2392, 35.3571

Trichromacy



Original Color

54.8400, -20.6271, 36.0973

Protanomaly

55.9580, -19.6993, 18.4538

Deuteranomaly

55.1390, -24.2255, 23.5571

Tritanomaly

56.0170, -12.3334, 35.9421

Monochromacy



Original Color

54.8400, -20.6271, 36.0973

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8400, -7.3161, 13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8400, -20.6271, 36.0973 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(96, 42, 13)` looks like.

```
.text, #text, p{  
    color:rgb(96, 42, 13)  
}
```

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(96, 42, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 42, 13) }
```

Border

The CSS property to change the border of an element to YUV 54.8400, -20.6271, 36.0973 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(96, 42, 13) }
```


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

```
.border{ border-color:rgb(96, 42, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 42, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 42, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 42, 13);  
box-shadow:4px 4px 4px 4px rgb(96, 42, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.8400, -20.6271, 36.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 42, 13) }
```

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

```
.background{ background-color: rgb(96, 42,  
13) }
```

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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