

Converting Colors

YUV(40.6230, -18.0551,
51.1966)

Have a look what the booklet for
YUV(40.6230, -18.0551, 51.1966)
contains.

YUV(40.6230, -18.0551, 51.1966)	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(40.6230, -18.0551,
51.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	631204
RGB	99, 18, 4
RGB Percent	39%, 7%, 2%
CMY	0.6118, 0.9294, 0.9843
CMYK	0.00, 0.82, 0.96, 0.61
HSL	9°, 92%, 20%
HSV	9°, 96%, 39%
XYZ	5.3838, 3.0940, 0.4283
YIQ	40.6230, 52.7700, 12.8180

Conversions

Conversions Part 2

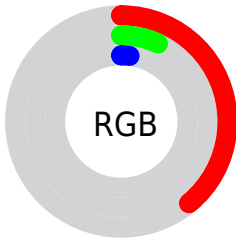
Format	Color
RYB	99, 20, 4
Decimal	6492676
CIELab	20.42, 35.06, 29.07
CIELCh	20, 45.543, 39.672
Yxy	3.0940, 0.6045, 0.3474
Android (android.graphics.Color)	4284682756 (0xFF631204)
YUV	40.6230, -18.0551, 51.1966
Hunter-Lab	17.5898, 23.8521, 10.8692

Details

The YUV color **40.6230, -18.0551, 51.1966** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **62.3770, 18.0551, -51.1966**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.7330, -21.5604, 55.4852**, and **14.1670, -6.4913, 28.7945** is the 20% darker color. If you saturate the color by 10%, you get **38.4060, -18.9342, 53.1409**, and if you desaturate by 10%, it is **46.4590, -16.0023, 46.0785**.

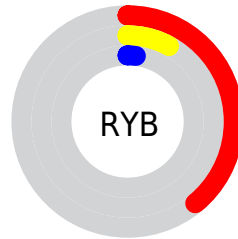
Distribution



Red (39%)

Green (7%)

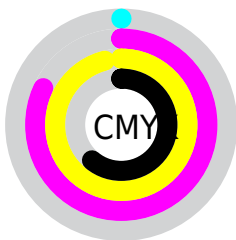
Blue (2%)



Red (39%)

Yellow (8%)

Blue (2%)

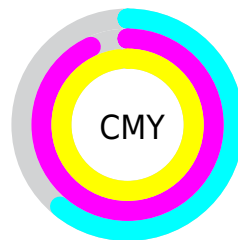


Cyan (0%)

Magenta (82%)

Yellow (96%)

Black (61%)



Cyan (61%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.6230, -18.0551, 51.1966 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 40.6230, -18.0551, 51.1966 by changing the saturation by 10% instead.

■ 40.6230, -18.0551,
51.1966

■ 40.6230, -18.0551,
51.1966

■ 252.1500,
-10.9200, 2.4994

■ 21.2290, -10.4659,
43.6492

■ 92.7330, -21.5604,
55.4852

■ 14.1670, -6.4913,
28.7945

■ 118.7010,
-23.0236, 58.1442

■ 0.0000, 0.0000,
0.0000


■ 145.0820,
-24.1974, 61.3181


■ 172.7510,
-25.5132, 63.3624


■ 194.5540,
-23.4441, 53.0111


■ 214.0680,


-19.7535, 35.8974


 233.5820,
-16.0629, 18.7836


 40.6230, -18.0551,
51.1966


 40.6230, -18.0551,
51.1966


 38.4060, -18.9342,
53.1409

 46.4590, -16.0023,
46.0785

 52.8820, -14.2388,
40.4455

 58.7180, -12.1860,
35.3273

 65.1410, -10.4225,
29.6943

 70.9770, -8.3697,
24.5762

■ 77.2860, -7.0430,
19.0432

■ 83.1220, -4.9901,
13.9250

■ 89.5450, -3.2267,
8.2920

■ 95.3810, -1.1738,
3.1739

Harmonies

Analogous

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



36.2540, 1.8468, 61.1672



40.6230, -18.0551, 51.1966



46.8130, -23.0788, 29.1050

Triad

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



40.6230, -18.0551, 51.1966



39.1300, -7.4591, -34.3170



42.5740, 36.1990, -37.3374

Complementary

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



40.6230, -18.0551, 51.1966



62.3770, 18.0551, -51.1966

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.



47.5150, 32.2841, -41.6707



40.6230, -18.0551, 51.1966



43.8210, 7.9762, -38.4310

Square

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



40.6230, -18.0551, 51.1966



37.9330, -18.7010, -21.8662



47.4690, 21.9538, -41.6303



50.0100, 25.1381, 10.5152

Rectangle

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



40.6230, -18.0551, 51.1966



46.7140, -23.0300, 13.4058



47.4690, 21.9538, -41.6303



45.0360, 35.4783, -39.4966

Sweetspot

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



40.6230, -18.0551, 51.1966



104.9980, -6.9010, 20.1728



41.7530, 21.8138, 50.2056



50.2250, -4.5479, 12.0807



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.



40.6230, -18.0551, 51.1966



49.4250, -24.3665, 68.9103



67.6250, -31.3671, 27.5159



45.1960, -0.5896, 2.4591



43.4670, -21.4292, 60.1034



92.3050, -45.5064, 129.5285

Inverse Universe

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



62.3770, 18.0551, -51.1966



78.5750, 24.3665, -68.9103



35.3750, 31.3671, -27.5159



46.8040, 0.5896, -2.4591



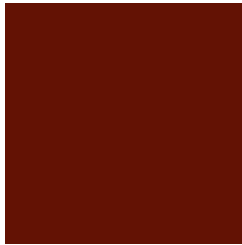
69.1200, 21.1398, -60.6182



147.1080, 45.7958, -129.0137

Previews

White Background



This preview shows how the YUV color 40.6230, -18.0551, 51.1966 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

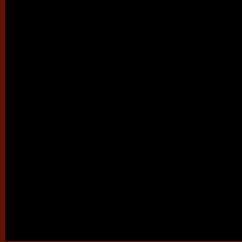
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.6230, -18.0551, 51.1966

Background



This preview shows how black text looks on a background with the YUV color 40.6230, -18.0551, 51.1966.



This preview shows how white text looks on a background with the YUV color 40.6230, -18.0551,

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

40.6230, -18.0551, 51.1966

Protanopia

49.3480, -17.9196, 7.5878

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

41.4040, -12.5242, 50.5117

Trichromacy



Original Color

40.6230, -18.0551, 51.1966

Protanomaly

46.4470, -17.9684, 23.2870

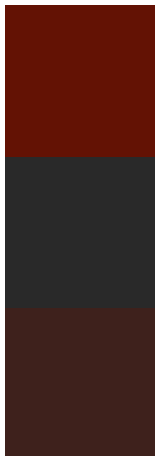
Deuteranomaly

45.4430, -21.9104, 27.6755

Tritanomaly

40.9480, -14.2714, 50.9116

Monochromacy



Original Color

40.6230, -18.0551, 51.1966

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1010, -6.4588, 18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.6230, -18.0551, 51.1966 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(99, 18, 4)` looks like.

```
.text, #text, p{  
    color:rgb(99, 18, 4)  
}
```

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(99, 18, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 18, 4) }
```

Border

The CSS property to change the border of an element to YUV 40.6230, -18.0551, 51.1966 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(99, 18, 4) }
```


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

```
.border{ border-color:rgb(99, 18, 4) }
```

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

Here you see how a box with a 4 pixel rgb(99, 18, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 18, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 18, 4); box-shadow:4px  
4px 4px 4px rgb(99, 18, 4) }
```

Background

The CSS property to change the background color of an element to YUV 40.6230, -18.0551, 51.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 18, 4) }
```

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

```
.background{ background-color: rgb(99, 18,  
4) }
```

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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