

Converting Colors

YUV(46.0760, -21.7295,
63.0773)

Have a look what the booklet for
YUV(46.0760, -21.7295, 63.0773)
contains.

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Color

**YUV(46.0760, -21.7295,
63.0773)**

Conversions

Conversions Part 1

Format	Color
Hex	761202
RGB	118, 18, 2
RGB Percent	46%, 7%, 1%
CMY	0.5373, 0.9294, 0.9922
CMYK	0.00, 0.85, 0.98, 0.54
HSL	8°, 97%, 24%
HSV	8°, 98%, 46%
XYZ	7.6985, 4.2885, 0.4794
YIQ	46.0760, 64.7360, 16.2240

Conversions

Conversions Part 2

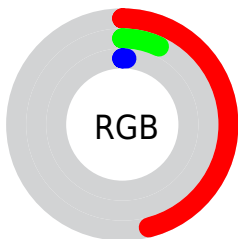
Format	Color
R_{YB}	118, 21, 2
Decimal	7737858
CIE Lab	24.60, 41.32, 35.56
CIE LCh	25, 54.516, 40.717
Yxy	4.2885, 0.6175, 0.3440
Android (android.graphics.Color)	4285927938 (0xFF761202)
YUV	46.0760, -21.7295, 63.0773
Hunter-Lab	20.7088, 30.1168, 13.1235

Details

The YUV color **46.0760, -21.7295, 63.0773** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **73.9240, 21.7295, -63.0773**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6590, -25.9609, 66.9511**, and **18.2390, -8.9918, 37.5014** is the 20% darker color. If you saturate the color by 10%, you get **44.6740, -22.0243, 64.3069**, and if you desaturate by 10%, it is **53.3140, -19.3818, 56.7296**.

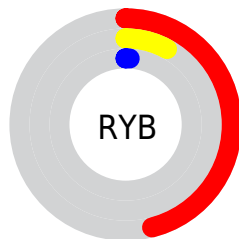
Distribution



Red (46%)

Green (7%)

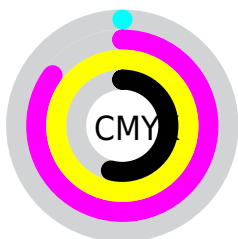
Blue (1%)



Red (46%)

Yellow (8%)

Blue (1%)

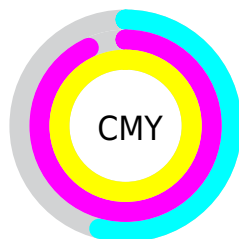


Cyan (0%)

Magenta (85%)

Yellow (98%)

Black (54%)



Cyan (54%)


Magenta (93%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.0760, -21.7295, 63.0773 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 46.0760, -21.7295, 63.0773 by changing the saturation by 10% instead.


 46.0760, -21.7295,
63.0773


 46.0760, -21.7295,
63.0773


 252.0360,
-11.3567, 2.5994


 26.6110, -13.1192,
54.7152

 100.6590,
-25.9609, 66.9511

 18.2390, -8.9918,
37.5014


 127.8120,
-28.0083, 70.3249

 9.6820, -4.2802,
19.5729

 154.7800,
-29.4715, 72.9839


 0.0000, 0.0000,
0.0000


 178.6760,
-28.4343, 66.9361


 197.9620,
-25.6173, 50.0223


 217.4760,


-21.9267, 32.9085


 237.6910,
-18.0887, 15.1800


 46.0760, -21.7295,
63.0773


 46.0760, -21.7295,
63.0773


 44.6740, -22.0243,
64.3069

 53.3140, -19.3818,
56.7296

 60.5520, -17.0341,
50.3819

 68.2630, -15.4127,
43.6193

 75.5010, -13.0650,
37.2716

 82.7390, -10.7173,
30.9239

■ 89.9770, -8.3697,
24.5762

■ 97.2150, -6.0220,
18.2284

■ 104.3390, -4.1111,
11.9807

■ 112.1640, -2.0529,
5.1182

Harmonies

Analogous

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



43.2170, 1.3720, 73.4777



46.0760, -21.7295, 63.0773



55.1080, -27.1682, 34.1083

Triad

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



46.0760, -21.7295, 63.0773



46.1570, -8.4584, -40.4797



50.7070, 44.5144, -44.4700

Complementary

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



46.0760, -21.7295, 63.0773



73.9240, 21.7295, -63.0773

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.



56.7080, 39.5840, -49.7329



46.0760, -21.7295, 63.0773



52.3470, 10.1819, -45.9083

Square

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



46.0760, -21.7295, 63.0773



41.6880, -20.5522, -34.8064



56.7930, 27.2171, -49.8075



58.6390, 31.2370, 14.3486

Rectangle

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



46.0760, -21.7295, 63.0773



54.9870, -27.1086, 14.9204



56.7930, 27.2171, -49.8075



53.7560, 43.5043, -47.1440

Sweetspot

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



46.0760, -21.7295, 63.0773



125.6780, -8.2223, 23.9614



48.1980, 27.0174, 61.2164



59.8340, -4.8482, 15.0546



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



46.0760, -21.7295, 63.0773



58.0740, -28.6305, 83.2501



79.5350, -38.2248, 33.7338



55.3810, -1.1738, 3.1739



46.4570, -22.9033, 66.2512



94.7080, -46.6910, 136.1911

Inverse Universe

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



73.9240, 21.7295, -63.0773



94.9260, 28.6305, -83.2501



40.4650, 38.2248, -33.7338



56.6190, 1.1738, -3.1739



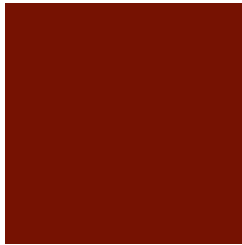
76.1300, 22.6139, -66.7660



154.7050, 46.9804, -135.6763

Previews

White Background



This preview shows how the YUV color 46.0760, -21.7295, 63.0773 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

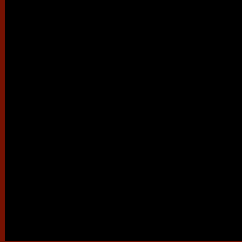
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0760, -21.7295, 63.0773

Background



This preview shows how black text looks on a background with the YUV color 46.0760, -21.7295, 63.0773.



This preview shows how white text looks on a background with the YUV color 46.0760, -21.7295,

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

46.0760, -21.7295, 63.0773

Protanopia

57.8490, -21.1246, 8.9024

Deuteranopia

57.0690, -28.1350, 17.4795



Tritanopia

46.9710, -15.7617, 62.2924

Trichromacy



Original Color

46.0760, -21.7295, 63.0773

Protanomaly

53.2690, -21.3316, 28.7051

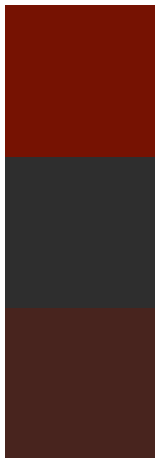
Deuteranomaly

52.8630, -25.5685, 34.3231

Tritanomaly

46.4010, -17.9457, 62.7923

Monochromacy



Original Color

46.0760, -21.7295, 63.0773

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0800, -7.9274, 22.7318

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0760, -21.7295, 63.0773 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(118, 18, 2)` looks like.

```
.text, #text, p{  
    color:rgb(118, 18, 2)  
}
```

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(118, 18, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 18, 2) }
```

Border

The CSS property to change the border of an element to YUV 46.0760, -21.7295, 63.0773 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(118, 18, 2) }
```


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

```
.border{ border-color:rgb(118, 18, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 18, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 18, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 18, 2);  
box-shadow:4px 4px 4px 4px rgb(118, 18, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.0760, -21.7295, 63.0773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 18, 2) }
```

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

```
.background{ background-color: rgb(118, 18,  
2) }
```

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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