

Converting Colors

YUV(72.7690, -19.6061,
35.2826)

Have a look what the booklet for
YUV(72.7690, -19.6061, 35.2826)
contains.

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Color

**YUV(72.7690, -19.6061,
35.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	713C21
RGB	113, 60, 33
RGB Percent	44%, 24%, 13%
CMY	0.5569, 0.7647, 0.8706
CMYK	0.00, 0.47, 0.71, 0.56
HSL	20°, 55%, 29%
HSV	20°, 71%, 44%
XYZ	8.7004, 6.8522, 2.3029
YIQ	72.7690, 40.2550, 2.8390

Conversions

Conversions Part 2

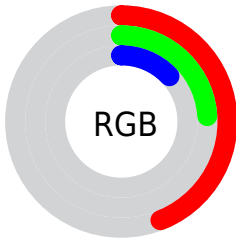
Format	Color
R_{YB}	113, 74, 33
Decimal	7420961
CIE Lab	31.47, 20.74, 26.53
CIE LCh	31, 33.673, 51.991
Yxy	6.8522, 0.4873, 0.3838
Android (android.graphics.Color)	4285611041 (0xFF713C21)
YUV	72.7690, -19.6061, 35.2826
Hunter-Lab	26.1768, 13.5190, 13.1077

Details

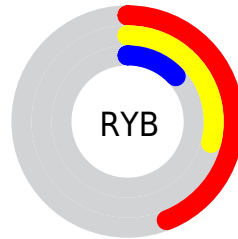
The YUV color **72.7690, -19.6061, 35.2826** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **73.2310, 19.6061, -35.2826**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5200, -21.9484, 39.8860**, and **27.6310, -13.6221, 29.2646** is the 20% darker color. If you saturate the color by 10%, you get **67.4060, -22.3852, 39.9859**, and if you desaturate by 10%, it is **78.1320, -16.8271, 30.5792**.

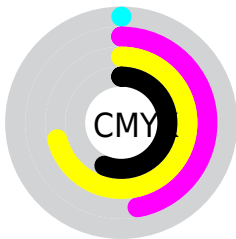
Distribution



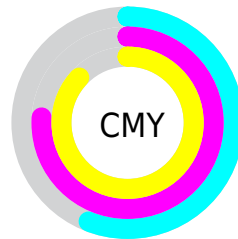
- Red (44%)
- Green (24%)
- Blue (13%)



- Red (44%)
- Yellow (29%)
- Blue (13%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)
- Black (56%)



- Cyan (56%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7690, -19.6061, 35.2826 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 72.7690, -19.6061, 35.2826 by changing the saturation by 10% instead.

■ 72.7690, -19.6061,
35.2826

■ 72.7690, -19.6061,
35.2826

■ 255.0000, 0.0000,
0.0000

■ 48.6870, -18.5797,
32.7235

■ 122.5200,
-21.9484, 39.8860

■ 27.6310, -13.6221,
29.2646

■ 149.3030,
-22.8274, 41.8303

■ 11.0630, -5.4541,
22.7467

■ 176.0860,
-23.7064, 43.7746

■ 0.0000, 0.0000,
0.0000

■ 203.5700,
-24.4380, 45.1041

■ 223.0840,
-20.7474, 27.9903

■ 242.7120,

-16.6200, 10.7766

252.9480, -7.8624,
1.7996

72.7690, -19.6061,
35.2826

72.7690, -19.6061,
35.2826

67.4060, -22.3852,
39.9859

78.1320, -16.8271,
30.5792

61.3420, -25.3116,
45.3041

84.1960, -13.9006,
25.2611

56.0930, -27.6538,
49.9074

89.5590, -11.1216,
20.5578

95.5090, -8.6319,
15.3396

100.9860, -5.4161,
10.5363

■ 106.9360, -2.9264,
5.3181

■ 112.2990, -0.1474,
0.6148

■ 118.2490, 2.3422,
-4.6034

■ 123.7260, 5.5581,
-9.4067

Harmonies

Analogous

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



73.3860, -8.5713, 42.6345



72.7690, -19.6061, 35.2826



71.3620, -25.8145, 19.8535

Triad

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



72.7690, -19.6061, 35.2826



58.0060, 3.9410, -50.8713



73.9490, 24.1821, -9.6023

Complementary

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



72.7690, -19.6061, 35.2826



73.2310, 19.6061, -35.2826

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.



60.7370, 32.1747, -53.2663



72.7690, -19.6061, 35.2826



61.6710, 15.4452, -54.0855

Square

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



72.7690, -19.6061, 35.2826



64.9310, -12.2910, -24.4955



63.0050, 25.6335, -55.2554



76.4320, 15.0700, 19.7921

Rectangle

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



72.7690, -19.6061, 35.2826



69.9860, -25.6291, 7.0283



63.0050, 25.6335, -55.2554



70.3710, 27.4251, -23.1274

Sweetspot

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



72.7690, -19.6061, 35.2826



132.1390, -7.4635, 13.9101



62.9620, 11.3577, 43.8833



64.7900, -4.8265, 8.0772



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



72.7690, -19.6061, 35.2826



84.9150, -31.0171, 55.3255



96.2490, -31.1818, 14.6906



52.9680, -1.4632, 2.6591



59.3600, -29.2645, 53.1813



122.5740, -60.4290, 109.1216

Inverse Universe

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



73.2310, 19.6061, -35.2826



85.0850, 31.0171, -55.3255



49.7510, 31.1818, -14.6906



53.0320, 1.4632, -2.6591



60.0530, 29.5539, -52.6665



124.4260, 60.4290, -109.1216

Previews

White Background



This preview shows how the YUV color 72.7690, -19.6061, 35.2826 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



This preview shows how the YUV color 72.7690, -19.6061, 35.2826 looks on a 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 72.7690, -19.6061, 35.2826

Background



This preview shows how black text looks on a background with the YUV color 72.7690, -19.6061, 35.2826.



This preview shows how white text looks on a background with the YUV color 72.7690, -19.6061,

35.2826.

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

72.7690, -19.6061, 35.2826

Protanopia

73.1740, -17.3408, 8.6174

Deuteranopia

72.9040, -21.1517, 17.6242



Tritanopia

74.4990, -6.6550, 34.6424

Trichromacy



Original Color

72.7690, -19.6061, 35.2826

Protanomaly

73.3000, -18.3889, 18.1539

Deuteranomaly

72.7630, -20.5892, 23.8868

Tritanomaly

73.9460, -11.3124, 35.1274

Monochromacy



Original Color

72.7690, -19.6061, 35.2826

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8400, -7.3161, 13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7690, -19.6061, 35.2826 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(113, 60, 33)` looks like.

```
.text, #text, p{  
    color:rgb(113, 60, 33)  
}
```

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(113, 60, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 60, 33) }
```

Border

The CSS property to change the border of an element to YUV 72.7690, -19.6061, 35.2826 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(113, 60, 33) }
```


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

```
.border{ border-color:rgb(113, 60, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 60, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 60, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 60, 33);  
box-shadow:4px 4px 4px 4px rgb(113, 60,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 72.7690, -19.6061, 35.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 60, 33) }
```

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

```
.background{ background-color: rgb(113, 60,  
33) }
```

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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