

Converting Colors

YUV(72.7460, 55.3412,
-63.7982)

Have a look what the booklet for
YUV(72.7460, 55.3412, -63.7982)
contains.

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Color

**YUV(72.7460, 55.3412,
-63.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	0058B9
RGB	0, 88, 185
RGB Percent	0%, 35%, 73%
CMY	1.0000, 0.6549, 0.2745
CMYK	1.00, 0.52, 0.00, 0.27
HSL	211°, 100%, 36%
HSV	211°, 100%, 73%
XYZ	12.2467, 10.4822, 47.2767
YIQ	72.7460, -83.5850, 11.5110

Conversions

Conversions Part 2

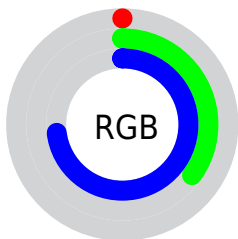
Format	Color
R_{YB}	0, 60, 185
Decimal	22713
CIE _{Lab}	38.69, 16.79, -57.15
CIE _{LCh}	39, 59.561, 286.372
Yxy	10.4822, 0.1749, 0.1497
Android (android.graphics.Color)	4278212793 (0xFF0058B9)
YUV	72.7460, 55.3412, -63.7982
Hunter-Lab	32.3763, 10.8611, -63.9135

Details

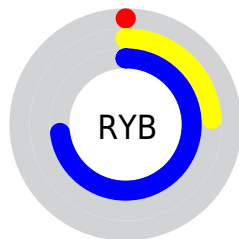
The YUV color **72.7460, 55.3412, -63.7982** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **112.2540, -55.3412, 63.7982**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1130, 52.2023, -36.9331**, and **40.7620, 44.4873, -35.7483** is the 20% darker color. If you saturate the color by 10%, you get **72.7460, 55.3412, -63.7982**, and if you desaturate by 10%, it is **83.9980, 49.7940, -57.8802**.

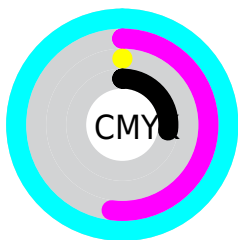
Distribution



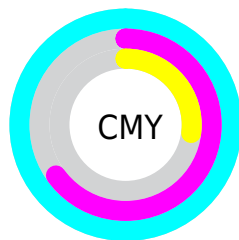
- Red (0%)
- Green (35%)
- Blue (73%)



- Red (0%)
- Yellow (24%)
- Blue (73%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7460, 55.3412, -63.7982 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 72.7460, 55.3412, -63.7982 by changing the saturation by 10% instead.

■ 72.7460, 55.3412,
-63.7982

■ 72.7460, 55.3412,
-63.7982

■ 255.0000, 0.0000,
0.0000

■ 56.1670, 50.2037,
-49.2585

■ 136.1130, 52.2023,
-36.9331

■ 40.7620, 44.4873,
-35.7483

■ 162.1260, 45.7869,
-32.5595

■ 26.6450, 38.6290,
-23.3677

■ 186.9450, 33.5511,
-28.0158

■ 10.2940, 34.3651,
-9.0278

■ 212.3510, 21.0260,
-23.9868

■ 9.3190, 23.0137,
-8.1728

■ 237.7570, 8.5008,
-19.9579

■ 5.0500, 14.2723,
-4.4289

■ 252.3090, 1.3267,

■ 0.9120, 3.4944,

-5.5330

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 72.7460, 55.3412,
-63.7982

■ 83.9980, 49.7940,
-57.8802

■ 94.9620, 44.3887,
-50.8327

■ 106.5130, 38.6941,
-44.2999

■ 117.7650, 33.1469,
-38.3819

■ 129.3160, 27.4522,
-31.8491

■ 139.9810, 22.1944,
-25.4163

■ 151.5320, 16.4997,
-18.8836

■ 162.7840, 10.9525,
-12.9656

■ 173.7480, 5.5472,
-5.9180

Harmonies

Analogous

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



81.6650, 51.4372, -71.6202



72.7460, 55.3412, -63.7982



93.0690, 32.5040, 28.0035

Triad

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



72.7460, 55.3412, -63.7982



83.5790, -31.3444, 67.0212



72.7950, -2.8569, -63.8412

Complementary

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



72.7460, 55.3412, -63.7982



112.2540, -55.3412, 63.7982

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.



67.9610, -28.0818, -46.4468



72.7460, 55.3412, -63.7982



86.1180, -42.4562, 37.6075

Square

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



72.7460, 55.3412, -63.7982



78.7470, -5.7913, 84.4139



82.9520, -40.8953, 3.5501



79.0820, 18.6936, -69.3549

Rectangle

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



72.7460, 55.3412, -63.7982



87.1070, 21.6392, 59.5422



82.9520, -40.8953, 3.5501



70.2700, -9.9931, -61.6268

Sweetspot

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



72.7460, 55.3412, -63.7982



196.1660, 21.6102, -24.7016



119.5390, -11.6047, -104.8357



93.6420, 12.9945, -14.5950



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



72.7460, 55.3412, -63.7982



94.2780, 71.8409, -82.6818



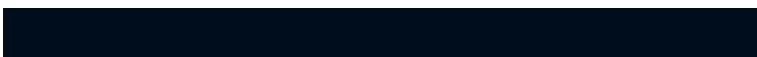
21.9870, 80.3654, -16.6516



86.3740, 2.7736, -2.9590



61.2220, 46.7256, -53.6917



10.8230, 8.4683, -9.4918

Inverse Universe

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



65.3470, 11.1679, 104.9357



84.7560, 14.4173, 136.1490



163.0130, -80.3654, 16.6516



86.1470, 0.4205, 5.1331



55.0800, 9.3276, 88.5068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 72.7460, 55.3412, -63.7982 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 × Fail

Black Background



This preview shows how the YUV color 72.7460, 55.3412, -63.7982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

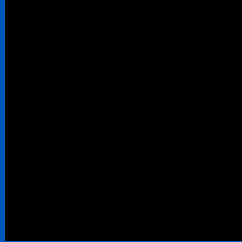
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7460, 55.3412, -63.7982

Background



This preview shows how black text looks on a background with the YUV color 72.7460, 55.3412, -63.7982.



This preview shows how white text looks on a background with the YUV color 72.7460, 55.3412, -63.7982.

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

72.7460, 55.3412, -63.7982

Protanopia

78.4270, 52.5405, -52.1175

Deuteranopia

72.9450, 43.4111, -63.9728

Trichromacy



Original Color

72.7460, 55.3412, -63.7982

Protanomaly

76.3340, 53.5723, -56.4209

Deuteranomaly

72.7970, 47.9211, -63.8430

Monochromacy



Original Color

72.7460, 55.3412, -63.7982

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5360, 20.4418, -23.2721

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7460, 55.3412, -63.7982 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(0, 88, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 185)  
}
```

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(0, 88, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 185) }
```

Border

The CSS property to change the border of an element to YUV 72.7460, 55.3412, -63.7982 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(0, 88, 185) }
```

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

```
.border{ border-color:rgb(0, 88, 185) }
```

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

Here you see how a box with a 4 pixel rgb(0, 88, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 185)  
}
```


Background

The CSS property to change the background color of an element to YUV 72.7460, 55.3412, -63.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 185) }
```

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

```
.background{ background-color: rgb(0, 88,  
185) }
```

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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