Converting Colors

YUV(72.1110, 55.1613, -52.7173)

Have a look what the booklet for YUV(72.1110, 55.1613, -52.7173) contains.

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Color

YUV(72.1110, 55.1613, -52.7173)

Conversions

Conversions Part 1

Format	Color
Hex	0C51B8
RGB	12, 81, 184
RGB Percent	5%, 32%, 72%
CMY	0.9529, 0.6824, 0.2784
CMYK	0.93, 0.56, 0.00, 0.28
HSL	216°, 88%, 38%
HSV	216°, 93%, 72%
XYZ	11.7458, 9.4237, 46.5473
YIQ	72.1110, -74.1870, 17.4050

Conversions

Conversions Part 2

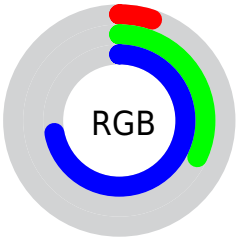
Format	Color
RYB	12, 61, 184
Decimal	807352
CIELab	36.79, 21.52, -59.65
CIELCh	37, 63.412, 289.834
Yxy	9.4237, 0.1735, 0.1392
Android (android.graphics.Color)	4278997432 (0xFF0C51B8)
YUV	72.1110, 55.1613, -52.7173
Hunter-Lab	30.6981, 14.5765, -68.4124

Details

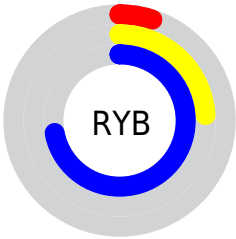
The YUV color 72.1110, 55.1613, -52.7173 is a dark color, and the websafe version is hex 3366CC. A complement of this color would be 123.8890, -55.1613, 52.7173, and the grayscale version is 72.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 132.4880, 53.4964, -32.0000, and 37.1260, 45.7869, -32.5595 is the 20% darker color. If you saturate the color by 10%, you get 64.4140, 58.9559, -56.4911, and if you desaturate by 10%, it is 83.9500, 49.3247, -47.3141.

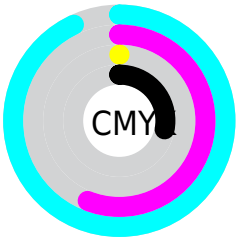
Distribution



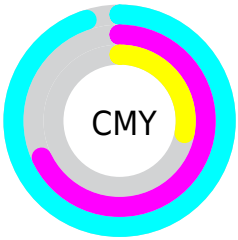
- Red (5%)
- Green (32%)
- Blue (72%)



- Red (5%)
- Yellow (24%)
- Blue (72%)



- Cyan (93%)
- Magenta (56%)
- Yellow (0%)
- Black (28%)



- Cyan (95%)
- Magenta (68%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1110, 55.1613, -52.7173 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 72.1110, 55.1613, -52.7173 by changing the saturation by 10% instead.

72.1110, 55.1613, -52.7173

255.0000, 0.0000, 0.0000

132.4880, 53.4964, -32.0000

158.0280, 47.8072, -27.2116

182.8470, 35.5714, -22.6678

208.2530, 23.0463, -18.6389

233.9580, 10.3737, -13.9952

252.9070, 1.0318,

72.1110, 55.1613, -52.7173

52.5310, 51.5032, -46.0697

37.1260, 45.7869, -32.5595

23.5960, 39.6392, -20.6937

11.3540, 33.3495, -9.9575

9.2050, 22.5769, -8.0728

4.9360, 13.8356, -4.3289

0.6840, 2.6208,

-4.3034

-0.5999

0.0000, 0.0000, 0.0000

72.1110, 55.1613, -52.7173

72.1110, 55.1613, -52.7173

64.4140, 58.9559, -56.4911

83.9500, 49.3247, -47.3141

96.0880, 43.3406, -41.2962

107.9270, 37.5040, -35.8930

120.0650, 31.5200, -29.8750

131.9040, 25.6833, -24.4718

143.7430, 19.8467, -19.0686

155.8810, 13.8627, -13.0506

167.7200, 8.0260, -7.6474

179.8580, 2.0420, -1.6295

Harmonies

Analogous

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

78.9580, 53.7577, -69.2462

72.1110, 55.1613, -52.7173

86.2380, 32.9137, 36.6253

Triad

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

72.1110, 55.1613, -52.7173

76.8690, -37.8964, 68.5209

70.4470, -1.6994, -61.7820

Complementary

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

72.1110, 55.1613, -52.7173

123.8890, -55.1613, 52.7173

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.

60.9170, -28.0601, -53.4242

72.1110, 55.1613, -52.7173

81.9650, -40.4087, 34.2337

Square

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

72.1110, 55.1613, -52.7173

65.7420, -4.8028, 94.0653

77.3040, -38.1109, -2.8976

77.0760, 21.1615, -67.5957

Rectangle

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

72.1110, 55.1613, -52.7173

76.5260, 22.9117, 71.4527

77.3040, -38.1109, -2.8976

67.8080, -9.2723, -59.4676

Sweetspot

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

72.1110, 55.1613, -52.7173

196.4870, 21.4519, -20.5981

124.3640, -6.0955, -98.5432

93.0660, 13.2785, -12.3359

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.

72.1110, 55.1613, -52.7173

83.7120, 77.0500, -73.4154

35.7940, 73.0656, -8.5893

85.7870, 3.0630, -2.4442

54.1780, 50.1982, -47.5141

9.6490, 9.0470, -8.4622

Inverse Universe

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

71.2940, 4.7851, 98.8432

82.7040, 6.5549, 137.9486

160.2060, -73.0656, 8.5893

86.0330, -0.0163, 5.2331

53.7120, 4.0860, 89.7066

9.6260, 0.6774, 16.1140

Previews

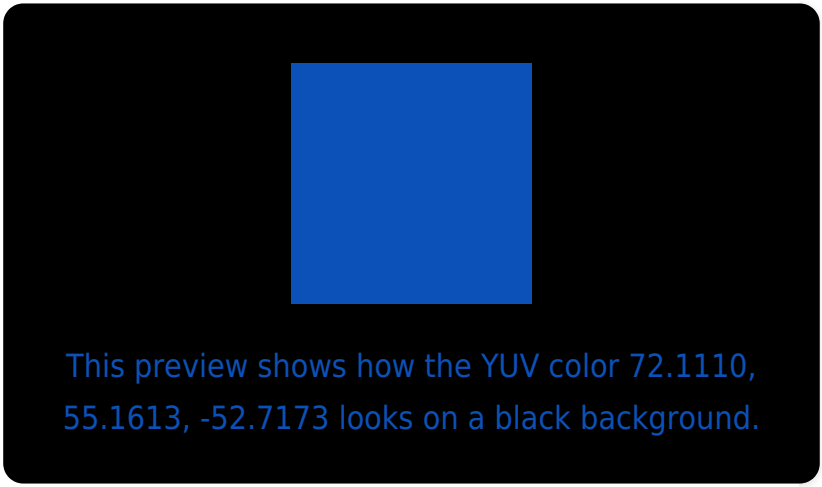
White Background

This preview shows how the YUV color 72.1110, 55.1613, -52.7173 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 72.1110, 55.1613, -52.7173

Background

This preview shows how black text looks on a background with the YUV color 72.1110, 55.1613, -52.7173.

This preview shows how white text looks on a background with the YUV color 72.1110, 55.1613,

-52.7173.

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
72.1110, 55.1613, -52.7173

Protanopia
68.8990, 53.2938, -60.4244

Deuteranopia
69.5710, 40.6375, -61.0138

Tritanopia
67.9800, 16.7719, -59.6185

Trichromacy

Original Color
72.1110, 55.1613, -52.7173

Protanomaly
69.8500, 54.3040, -57.7504

Deuteranomaly
70.3740, 46.1576, -58.2100

Tritanomaly
69.6610, 30.7331, -57.5847

Monochromacy

Original Color
72.1110, 55.1613, -52.7173

Achromatopsia
72.0000, 0.0000, 0.0000

Achromatomaly
71.8570, 20.2835, -19.1686

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1110, 55.1613, -52.7173 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(12, 81, 184) looks like.

```
.text, #text, p{
    color:rgb(12, 81, 184)
}
```

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(12, 81, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 81, 184) }
```

Border

The CSS property to change the border of an element to YUV 72.1110, 55.1613, -52.7173 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(12, 81, 184) }
```

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

```
.border{ border-color:rgb(12, 81, 184) }
```

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

Here you see how a box with a 4 pixel rgb(12, 81, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(12, 81, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(12, 81, 184); box-shadow:4px 4px 4px 4px rgb(12, 81, 184) }
```

Background

The CSS property to change the background color of an element to YUV 72.1110, 55.1613, -52.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(12, 81, 184) }
```

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

```
.background{ background-color:rgb(12, 81, 184) }
```

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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