

Converting Colors

YUV(72.1290, 51.2084,
-44.8401)

Have a look what the booklet for
YUV(72.1290, 51.2084, -44.8401)
contains.

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Color

**YUV(72.1290, 51.2084,
-44.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	154EB0
RGB	21, 78, 176
RGB Percent	8%, 31%, 69%
CMY	0.9176, 0.6941, 0.3098
CMYK	0.88, 0.56, 0.00, 0.31
HSL	218°, 79%, 39%
HSV	218°, 88%, 69%
XYZ	10.8701, 8.7428, 42.1889
YIQ	72.1290, -65.4300, 18.3940

Conversions

Conversions Part 2

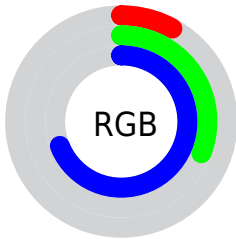
Format	Color
R _Y B	21, 63, 176
Decimal	1396400
CIE Lab	35.48, 20.78, -57.04
CIE LCh	35, 60.709, 290.021
Yxy	8.7428, 0.1759, 0.1415
Android (android.graphics.Color)	4279586480 (0xFF154EB0)
YUV	72.1290, 51.2084, -44.8401
Hunter-Lab	29.5682, 13.8773, -63.8992

Details

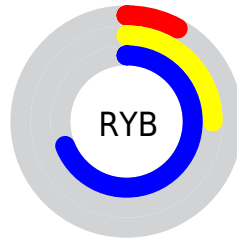
The YUV color **72.1290, 51.2084, -44.8401** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **124.8710, -51.2084, 44.8401**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4130, 50.5754, -28.4262**, and **34.4530, 43.1607, -30.2153** is the 20% darker color. If you saturate the color by 10%, you get **60.2900, 57.0450, -50.2433**, and if you desaturate by 10%, it is **83.9680, 45.3718, -39.4369**.

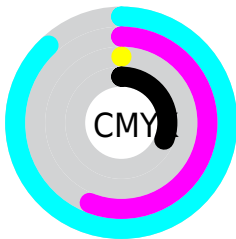
Distribution



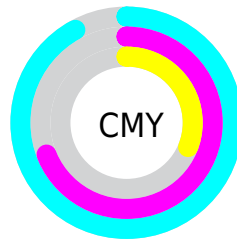
- Red (8%)
- Green (31%)
- Blue (69%)



- Red (8%)
- Yellow (25%)
- Blue (69%)



- Cyan (88%)
- Magenta (56%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1290, 51.2084, -44.8401 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 72.1290, 51.2084, -44.8401 by changing the saturation by 10% instead.

■ 72.1290, 51.2084,
-44.8401

■ 72.1290, 51.2084,
-44.8401

■ 255.0000, 0.0000,
0.0000

■ 49.8580, 48.8770,
-43.7255

■ 129.4130, 50.5754,
-28.4262

■ 34.4530, 43.1607,
-30.2153

■ 156.2670, 48.6754,
-25.6672

■ 20.4500, 37.7391,
-17.9346

■ 181.0860, 36.4396,
-21.1234

■ 12.3170, 29.4237,
-10.8020

■ 205.6060, 24.3512,
-17.1945

■ 7.9340, 20.2455,
-6.9581

■ 231.0120, 11.8261,
-13.1655

■ 3.6650, 11.5042,
-3.2142

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 72.1290, 51.2084,
-44.8401

■ 72.1290, 51.2084,
-44.8401

■ 60.2900, 57.0450,
-50.2433

■ 83.9680, 45.3718,
-39.4369

■ 58.2190, 58.0660,
-51.0581

■ 95.5080, 39.6826,
-34.6485

■ 107.3470, 33.8459,
-29.2453

■ 119.4740, 27.8673,
-24.9717

■ 131.3130, 22.0307,
-19.5685

■ 143.1520, 16.1941,
-14.1653

■ 154.6920, 10.5048,
-9.3769

■ 166.5310, 4.6682,
-3.9737

■ 178.0710, -1.0210,
0.8147

Harmonies

Analogous

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



75.6980, 51.4209, -66.3871



72.1290, 51.2084, -44.8401



83.7710, 31.1719, 35.2808

Triad

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



72.1290, 51.2084, -44.8401



74.4170, -35.7016, 64.5323



67.8710, -1.4154, -59.5229

Complementary

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



72.1290, 51.2084, -44.8401



124.8710, -51.2084, 44.8401

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.



58.9110, -25.5921, -51.6649



72.1290, 51.2084, -44.8401



79.2960, -39.0929, 32.1894

Square

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



72.1290, 51.2084, -44.8401



66.3560, -6.0915, 87.3878



74.9450, -36.9479, -2.5828



74.2720, 20.5719, -65.1365

Rectangle

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



72.1290, 51.2084, -44.8401



75.0370, 21.1808, 66.6196



74.9450, -36.9479, -2.5828



65.3460, -8.5516, -57.3084

Sweetspot

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



72.1290, 51.2084, -44.8401



189.7540, 19.8413, -17.3243



122.9290, -2.9230, -89.3917



90.7350, 11.9626, -10.2916



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



72.1290, 51.2084, -44.8401



75.5280, 76.1547, -66.2381



44.0520, 65.0504, -4.4306



83.3740, 2.7736, -2.9590



50.3140, 50.6242, -44.1254



8.2470, 8.7522, -7.2326

Inverse Universe

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



73.8430, 2.0494, 89.5917



78.3460, 2.7874, 133.0006



152.9480, -65.0504, 4.4306



83.1470, 0.4205, 5.1331



52.1310, 1.9074, 88.4621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 72.1290, 51.2084, -44.8401 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 72.1290, 51.2084, -44.8401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

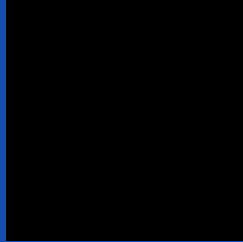
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.1290, 51.2084, -44.8401

Background



This preview shows how black text looks on a background with the YUV color 72.1290, 51.2084, -44.8401.



This preview shows how white text looks on a background with the YUV color 72.1290, 51.2084,

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

72.1290, 51.2084, -44.8401

Protanopia

66.3400, 51.1044, -58.1802

Deuteranopia

66.6530, 39.6111, -58.4547



Tritanopia

65.1760, 16.1822, -57.1594

Trichromacy



Original Color

72.1290, 51.2084, -44.8401

Protanomaly

68.3730, 51.0881, -52.9471

Deuteranomaly

68.5380, 44.1048, -53.0918

Tritanomaly

67.8250, 28.6803, -52.4665

Monochromacy



Original Color

72.1290, 51.2084, -44.8401

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8250, 18.8203, -16.5095

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1290, 51.2084, -44.8401 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(21, 78, 176)` looks like.

```
.text, #text, p{  
    color:rgb(21, 78, 176)  
}
```

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(21, 78, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 78, 176) }
```

Border

The CSS property to change the border of an element to YUV 72.1290, 51.2084, -44.8401 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(21, 78, 176) }
```


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

```
.border{ border-color:rgb(21, 78, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 78, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 78, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 78, 176);  
box-shadow:4px 4px 4px 4px rgb(21, 78,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 72.1290, 51.2084, -44.8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 78, 176) }
```

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

```
.background{ background-color: rgb(21, 78,  
176) }
```

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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