

Converting Colors

YUV(70.9210, 90.7509, 12.3473)

Have a look what the booklet for
YUV(70.9210, 90.7509, 12.3473)
contains.

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Color

**YUV(70.9210, 90.7509,
12.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	551CFF
RGB	85, 28, 255
RGB Percent	33%, 11%, 100%
CMY	0.6667, 0.8902, 0.0000
CMYK	0.67, 0.89, 0.00, 0.00
HSL	255°, 100%, 55%
HSV	255°, 89%, 100%
XYZ	22.2116, 9.9818, 95.3637
YIQ	70.9210, -38.8950, 82.6810

Conversions

Conversions Part 2

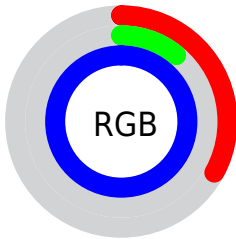
Format	Color
R_{YB}	85, 28, 255
Decimal	5577983
CIE _{Lab}	37.81, 76.04, -98.58
CIE _{LCh}	38, 124.497, 307.644
Yxy	9.9818, 0.1741, 0.0783
Android (android.graphics.Color)	4283768063 (0xFF551CFF)
YUV	70.9210, 90.7509, 12.3473
Hunter-Lab	31.5940, 70.2016, -156.8460

Details

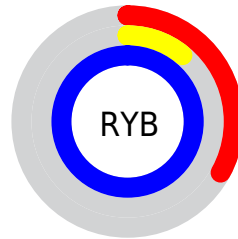
The YUV color **70.9210, 90.7509, 12.3473** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **212.0790, -90.7509, -12.3473**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3700, 62.9216, 25.1085**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **50.5650, 100.7865, 13.5365**, and if you desaturate by 10%, it is **91.8640, 80.4260, 10.6433**.

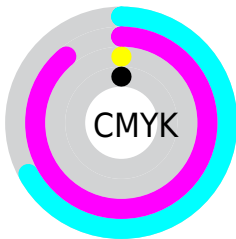
Distribution



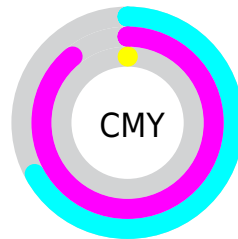
- Red (33%)
- Green (11%)
- Blue (100%)



- Red (33%)
- Yellow (11%)
- Blue (100%)



- Cyan (67%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9210, 90.7509, 12.3473 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 70.9210, 90.7509, 12.3473 by changing the saturation by 10% instead.

■ 70.9210, 90.7509,
12.3473

■ 70.9210, 90.7509,
12.3473

■ 255.0000, 0.0000,
0.0000

■ 36.1150, 93.1203,
-0.9779

■ 127.3700, 62.9216,
25.1085

■ 22.3440, 85.6124,
-19.5957

■ 153.0860, 50.2436,
31.4966

■ 19.1520, 73.3821,
-16.7963

■ 179.0900, 37.4236,
36.7551

■ 16.0740, 61.5885,
-14.0969

■ 205.0940, 24.6037,
42.0136

■ 14.7570, 48.9268,
-12.9419

■ 222.7150, 15.9165,
28.3139

■ 17.0760, 34.9655,
-14.9757

■ 239.7380, 7.5242,

■ 11.4050, 25.9293,

13.3848

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 70.9210, 90.7509,
12.3473

■ 70.9210, 90.7509,
12.3473

■ 50.5650, 100.7865,
13.5365

■ 91.8640, 80.4260,
10.6433

■ 48.2060, 101.9494,
13.8513

■ 112.2200, 70.3905,
9.4541

■ 133.1630, 60.0656,
7.7500

■ 153.5190, 50.0301,
6.5608

■ 174.4620, 39.7052,
4.8568

■ 195.1170, 29.5223,
4.2824

■ 216.0600, 19.1974,
2.5784

■ 236.4160, 9.1619,
1.3892

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



70.9210, 90.7509, 12.3473



83.7360, 41.5422, 115.9955

Triad

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



70.9210, 90.7509, 12.3473



76.0490, -37.4922, 78.8870



82.8490, 15.3574, -72.6586

Complementary

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



70.9210, 90.7509, 12.3473



212.0790, -90.7509, -12.3473

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.



68.0920, -33.5694, -59.7167



70.9210, 90.7509, 12.3473



81.4790, -40.1691, 3.9649

Square

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



70.9210, 90.7509, 12.3473



66.6770, -32.8718, 137.0953



65.1570, -32.1224, -57.1427



96.5970, 57.8797, -84.7156

Rectangle

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



70.9210, 90.7509, 12.3473



84.2850, 8.7335, 139.1931



65.1570, -32.1224, -57.1427



78.1580, -0.0779, -68.5446

Sweetspot

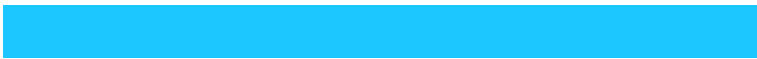
The Sweet Spot groups the original color and five complimentary colors.



70.9210, 90.7509, 12.3473



198.9490, 27.6331, 3.5527



153.6680, 49.9567, -110.2108



94.6640, 16.4346, 2.0487



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



70.9210, 90.7509, 12.3473



48.2060, 101.9494, 13.8513



104.7080, 74.0940, 81.8171



117.3790, 5.2362, 0.5446



36.1260, 76.3529, 10.4135



12.0800, 25.5966, 3.4378

Inverse Universe

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



115.2530, 40.7943, 122.5581



98.0190, 45.8396, 137.6723



178.2920, -74.0940, -81.8171



119.9130, 2.0149, 7.0923



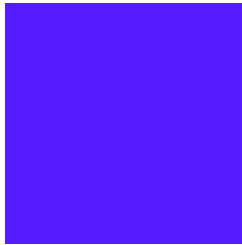
73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 70.9210, 90.7509, 12.3473 looks on a white background.

Color Contrast Check

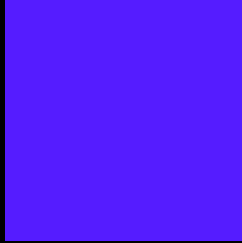
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.9210, 90.7509, 12.3473 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 70.9210, 90.7509, 12.3473

Background



This preview shows how black text looks on a background with the YUV color 70.9210, 90.7509, 12.3473.



This preview shows how white text looks on a background with the YUV color 70.9210, 90.7509,

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

70.9210, 90.7509, 12.3473

Protanopia

70.3010, 53.5886, -61.6540

Deuteranopia

70.8590, 40.4955, -62.1433



Tritanopia

69.4960, 17.5035, -60.9480

Trichromacy



Original Color

70.9210, 90.7509, 12.3473

Protanomaly

70.4350, 67.3265, -34.5845

Deuteranomaly

70.8450, 58.7434, -34.9441

Tritanomaly

70.3600, 44.1925, -34.5187

Monochromacy



Original Color

70.9210, 90.7509, 12.3473

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7410, 33.1587, 4.6121

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9210, 90.7509, 12.3473 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(85, 28, 255)` looks like.

```
.text, #text, p{  
    color:rgb(85, 28, 255)  
}
```

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(85, 28, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 28, 255) }
```

Border

The CSS property to change the border of an element to YUV 70.9210, 90.7509, 12.3473 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(85, 28, 255) }
```


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

```
.border{ border-color:rgb(85, 28, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 28, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 28, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 28, 255);  
box-shadow:4px 4px 4px 4px rgb(85, 28,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 70.9210, 90.7509, 12.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 28, 255) }
```

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

```
.background{ background-color: rgb(85, 28,  
255) }
```

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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