

Converting Colors

YUV(100.5890, 53.9396,
12.6384)

Have a look what the booklet for
YUV(100.5890, 53.9396, 12.6384)
contains.

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Color

**YUV(100.5890, 53.9396,
12.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	7348D2
RGB	115, 72, 210
RGB Percent	45%, 28%, 82%
CMY	0.5490, 0.7176, 0.1765
CMYK	0.45, 0.66, 0.00, 0.18
HSL	259°, 61%, 55%
HSV	259°, 66%, 82%
XYZ	21.0205, 12.9327, 62.3611
YIQ	100.5890, -18.6700, 52.0340

Conversions

Conversions Part 2

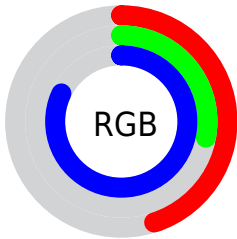
Format	Color
R_{YB}	115, 72, 210
Decimal	7555282
CIE _{Lab}	42.66, 49.52, -64.95
CIE _{LCh}	43, 81.674, 307.321
Yxy	12.9327, 0.2182, 0.1343
Android (android.graphics.Color)	4285745362 (0xFF7348D2)
YUV	100.5890, 53.9396, 12.6384
Hunter-Lab	35.9621, 41.4027, -77.6402

Details

The YUV color **100.5890, 53.9396, 12.6384** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **181.4110, -53.9396, -12.6384**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9980, 50.2870, 17.5418**, and **46.6160, 52.9403, 6.4758** is the 20% darker color. If you saturate the color by 10%, you get **84.0760, 62.0805, 14.8423**, and if you desaturate by 10%, it is **117.1020, 45.7987, 10.4345**.

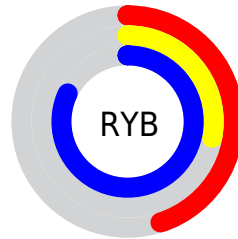
Distribution



Red (45%)

Green (28%)

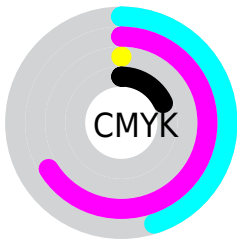
Blue (82%)



Red (45%)

Yellow (28%)

Blue (82%)

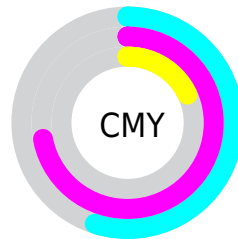


Cyan (45%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (55%)

Magenta (72%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5890, 53.9396, 12.6384 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 100.5890, 53.9396, 12.6384 by changing the saturation by 10% instead.

100.5890, 53.9396,
12.6384

100.5890, 53.9396,
12.6384

255.0000, 0.0000,
0.0000

74.0510, 53.2189,
10.4793

152.9980, 50.2870,
17.5418

46.6160, 52.9403,
6.4758

177.8170, 38.0512,
22.0855

17.5820, 54.4361,
-6.6494

202.3370, 25.9629,
26.0145

11.6280, 44.5534,
-10.1978

225.6500, 14.4696,
25.7400

8.7780, 33.6334,
-7.6983

242.0860, 6.3666,
11.3256

8.9770, 21.7033,
-7.8728

4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 100.5890, 53.9396,
12.6384

■ 100.5890, 53.9396,
12.6384

■ 84.0760, 62.0805,
14.8423

■ 117.1020, 45.7987,
10.4345

■ 67.2640, 70.3688,
16.4315

■ 133.9140, 37.5104,
8.8454

■ 50.7510, 78.5098,
18.6354

■ 150.4270, 29.3695,
6.6415

■ 43.3750, 82.1461,
18.9651

■ 167.2390, 21.0812,
5.0524

■ 183.7520, 12.9403,
2.8485

■ 200.5640, 4.6519,
1.2594

■ 217.0770, -3.4890,
-0.9445

■ 233.8890,
-11.7773, -2.5337

■ 246.8800,
-18.1818, -1.6488

Harmonies

Analogous

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



88.6530, 73.1351, -77.7487



100.5890, 53.9396, 12.6384



74.3660, 39.2596, 101.4110

Triad

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



100.5890, 53.9396, 12.6384



93.3490, -46.0211, 61.0839



87.7730, 13.9159, -76.9769

Complementary

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



100.5890, 53.9396, 12.6384



181.4110, -53.9396, -12.6384

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.



77.6900, -17.1022, -68.1341



100.5890, 53.9396, 12.6384



93.6390, -46.1640, 13.4716

Square

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



100.5890, 53.9396, 12.6384



74.1190, -26.6807, 111.2746



74.0500, -36.5067, -50.9098



95.2970, 42.7446, -83.5755

Rectangle

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



100.5890, 53.9396, 12.6384



75.3300, 17.0923, 118.1056



74.0500, -36.5067, -50.9098



85.1510, 3.8696, -74.6774

Sweetspot

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



100.5890, 53.9396, 12.6384



214.5980, 19.9182, 4.7376



144.6710, 32.2072, -63.7325



103.2250, 12.2141, 2.4337



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.



100.5890, 53.9396, 12.6384



95.4520, 78.6572, 18.0206



120.6220, 44.0634, 53.8285



96.1510, 4.3626, 0.7446



34.7000, 65.7169, 15.1721



8.5610, 15.9924, 3.8930

Inverse Universe

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



124.0920, 21.1536, 75.3413



129.8310, 30.6493, 109.7732



161.3780, -44.0634, -53.8285



98.0870, 1.4361, 6.0627



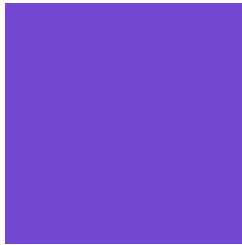
63.4560, 25.9042, 91.6851



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 100.5890, 53.9396, 12.6384 looks on a white background.

Color Contrast Check

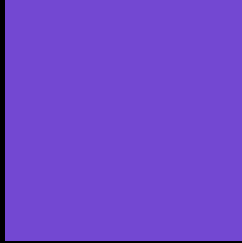
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.5890, 53.9396, 12.6384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

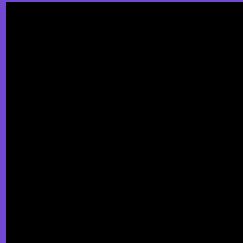
Any Text WCAG AA × Fail

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 100.5890, 53.9396, 12.6384 Background



This preview shows how black text looks on a background with the YUV color 100.5890, 53.9396, 12.6384.



This preview shows how white text looks on a background with the YUV color 100.5890, 53.9396, 12.6384.

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

100.5890, 53.9396, 12.6384

Protanopia

80.4230, 61.9095, -70.5310

Deuteranopia

80.7530, 47.9428, -70.8204



Tritanopia

100.0250, 5.4107, -8.7919

Trichromacy



Original Color

100.5890, 53.9396, 12.6384

Protanomaly

87.8120, 58.7597, -40.1771

Deuteranomaly

88.2220, 50.1766, -40.5367

Tritanomaly

100.3630, 22.9920, -1.1954

Monochromacy



Original Color

100.5890, 53.9396, 12.6384

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.5980, 19.9182, 4.7376

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5890, 53.9396, 12.6384 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(115, 72, 210)` looks like.

```
.text, #text, p{  
    color:rgb(115, 72, 210)  
}
```

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(115, 72, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 72, 210) }
```

Border

The CSS property to change the border of an element to YUV 100.5890, 53.9396, 12.6384 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(115, 72, 210) }
```


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

```
.border{ border-color:rgb(115, 72, 210) }
```

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

Here you see how a box with a 4 pixel rgb(115, 72, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 72, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 72, 210);  
box-shadow:4px 4px 4px 4px rgb(115, 72,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 100.5890, 53.9396, 12.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 72, 210) }
```

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

```
.background{ background-color: rgb(115, 72,  
210) }
```

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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