

Converting Colors

YUV(72.6220, 33.7104, 14.3635)

Have a look what the booklet for
YUV(72.6220, 33.7104, 14.3635)
contains.

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Color

**YUV(72.6220, 33.7104,
14.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	59338D
RGB	89, 51, 141
RGB Percent	35%, 20%, 55%
CMY	0.6510, 0.8000, 0.4471
CMYK	0.37, 0.64, 0.00, 0.45
HSL	265°, 47%, 38%
HSV	265°, 64%, 55%
XYZ	10.1114, 6.4146, 25.9045
YIQ	72.6220, -6.2420, 36.0460

Conversions

Conversions Part 2

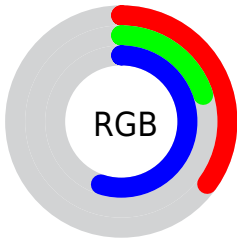
Format	Color
R_{YB}	89, 51, 141
Decimal	5845901
CIE _{Lab}	30.44, 36.76, -43.87
CIE _{LCh}	30, 57.235, 309.966
Yxy	6.4146, 0.2383, 0.1512
Android (android.graphics.Color)	4284035981 (0xFF59338D)
YUV	72.6220, 33.7104, 14.3635
Hunter-Lab	25.3270, 26.9406, -42.9129

Details

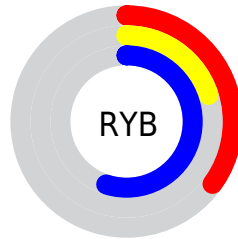
The YUV color **72.6220, 33.7104, 14.3635** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.3780, -33.7104, -14.3635**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6870, 35.1573, 16.9375**, and **22.7850, 33.1370, 11.5896** is the 20% darker color. If you saturate the color by 10%, you get **62.0120, 38.9411, 16.6525**, and if you desaturate by 10%, it is **83.2320, 28.4796, 12.0745**.

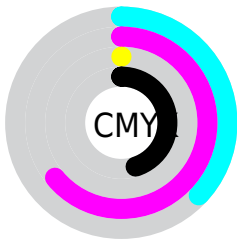
Distribution



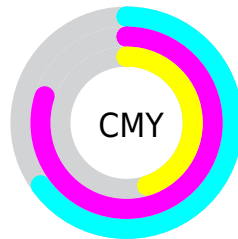
- Red (35%)
- Green (20%)
- Blue (55%)



- Red (35%)
- Yellow (20%)
- Blue (55%)



- Cyan (37%)
- Magenta (64%)
- Yellow (0%)
- Black (45%)



- Cyan (65%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6220, 33.7104, 14.3635 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 72.6220, 33.7104, 14.3635 by changing the saturation by 10% instead.

■ 72.6220, 33.7104,
14.3635

■ 72.6220, 33.7104,
14.3635

■ 255.0000, 0.0000,
0.0000

■ 48.3830, 32.8422,
12.8191

■ 123.6870, 35.1573,
16.9375

■ 22.7850, 33.1370,
11.5896

■ 149.7410, 36.6097,
17.7671

■ 11.7100, 26.7650,
2.0083

■ 176.5670, 37.1885,
18.7967

■ 6.6630, 17.9141,
-5.8435

■ 201.4290, 26.4105,
22.4258

■ 2.9810, 8.8834,
-2.6143

■ 226.2370, 14.1802,
25.2252

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,

10.2960

■ 72.6220, 33.7104,
14.3635

■ 72.6220, 33.7104,
14.3635

■ 62.0120, 38.9411,
16.6525

■ 83.2320, 28.4796,
12.0745

■ 51.4020, 44.1718,
18.9414

■ 93.8420, 23.2489,
9.7856

■ 40.7920, 49.4025,
21.2304

■ 104.4520, 18.0182,
7.4966

■ 34.0140, 52.7441,
22.7897

■ 115.3610, 12.6400,
5.8224

■ 126.5580, 7.1199,
3.0186

■ 137.1680, 1.8892,
0.7297

■ 147.7780, -3.3416,
-1.5593

■ 158.3880, -8.5723,
-3.8483

■ 168.9980,
-13.8030, -6.1372

Harmonies

Analogous

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



61.2050, 49.1989, -53.6768



72.6220, 33.7104, 14.3635



61.2000, 20.6074, 63.8456

Triad

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



72.6220, 33.7104, 14.3635



67.5340, -33.2943, 38.9967



62.6340, 11.5194, -54.9300

Complementary

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



72.6220, 33.7104, 14.3635



119.3780, -33.7104, -14.3635

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.



56.1020, -8.4313, -49.2015



72.6220, 33.7104, 14.3635



66.4500, -32.7599, 7.4983

Square

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



72.6220, 33.7104, 14.3635



61.1690, -22.7613, 67.3808



54.6900, -26.9622, -32.1771



67.5360, 30.3018, -59.2291

Rectangle

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



72.6220, 33.7104, 14.3635



52.0900, 10.8016, 82.3591



54.6900, -26.9622, -32.1771



60.8100, 4.5307, -53.3304

Sweetspot

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



72.6220, 33.7104, 14.3635



157.1760, 13.2242, 5.1076



92.3710, 23.9741, -36.2824



76.0850, 7.8461, 3.4335



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



72.6220, 33.7104, 14.3635



76.1280, 53.1809, 22.6897



85.7780, 27.2244, 41.4137



65.6950, 2.6154, 1.1445



32.4330, 50.5655, 21.5453



1.8090, 3.0522, 1.0445

Inverse Universe

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



83.8380, 9.4469, 50.1311



93.8060, 14.8856, 79.1001



106.2220, -27.2244, -41.4137



66.5490, 0.7153, 3.9035



49.2570, 14.1703, 75.1966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 72.6220, 33.7104, 14.3635 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 72.6220, 33.7104, 14.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

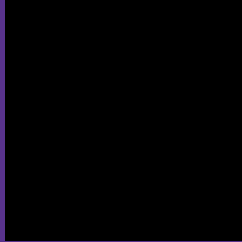
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6220, 33.7104, 14.3635

Background



This preview shows how black text looks on a background with the YUV color 72.6220, 33.7104, 14.3635.



This preview shows how white text looks on a background with the YUV color 72.6220, 33.7104,

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

72.6220, 33.7104, 14.3635

Protanopia

57.2610, 44.2413, -50.2179

Tritanopia

72.1790, 1.8838, 2.4740

Trichromacy



Original Color

72.6220, 33.7104, 14.3635

Protanomaly

62.4920, 40.6764, -26.7415

Tritanomaly

72.3010, 13.6556, 6.7520

Monochromacy



Original Color

72.6220, 33.7104, 14.3635

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9480, 12.3506, 5.3076

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6220, 33.7104, 14.3635 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(89, 51, 141)` looks like.

```
.text, #text, p{  
    color:rgb(89, 51, 141)  
}
```

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(89, 51, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 51, 141) }
```

Border

The CSS property to change the border of an element to YUV 72.6220, 33.7104, 14.3635 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(89, 51, 141) }
```

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

```
.border{ border-color:rgb(89, 51, 141) }
```

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

Here you see how a box with a 4 pixel rgb(89, 51, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 51, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 51, 141);  
box-shadow:4px 4px 4px 4px rgb(89, 51,  
141) }
```


Background

The CSS property to change the background color of an element to YUV 72.6220, 33.7104, 14.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 51, 141) }
```

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

```
.background{ background-color: rgb(89, 51,  
141) }
```

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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