

Converting Colors

YIQ(72.1910, 1.9210, 25.7690)

Have a look what the booklet for
YIQ(72.1910, 1.9210, 25.7690)
contains.

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Color

**YIQ(72.1910, 1.9210,
25.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3772
RGB	90, 55, 114
RGB Percent	35%, 22%, 45%
CMY	0.6469, 0.7844, 0.5530
CMYK	0.21, 0.52, 0.00, 0.55
HSL	276°, 35%, 33%
HSV	276°, 52%, 45%
XYZ	8.6216, 6.1209, 16.6437
YIQ	72.1910, 1.9210, 25.7690

Conversions

Conversions Part 2

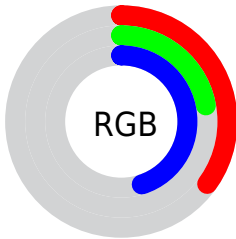
Format	Color
R_{YB}	90, 55, 114
Decimal	5912434
CIE _{Lab}	29.72, 27.61, -28.12
CIE _{LCh}	30, 39.405, 314.477
Yxy	6.1209, 0.2747, 0.1950
Android (android.graphics.Color)	4284102514 (0xFF5A3772)
YUV	72.1910, 20.6118, 15.6185
Hunter-Lab	24.7404, 18.9087, -22.5682




Details

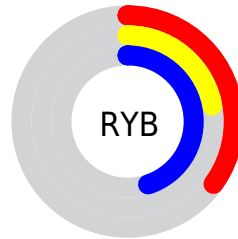
The YIQ color **72.1910, 1.9210, 25.7690** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.8090, -1.9210, -25.7690**, and the grayscale version is **72.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **121.8430, 3.0210, 27.8610**, and **25.8380, 1.4170, 23.8890** is the 20% darker color. If you saturate the color by 10%, you get **64.2390, 1.9660, 30.4620**, and if you desaturate by 10%, it is **80.1430, 1.8760, 21.0760**.

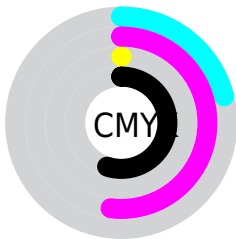
Distribution







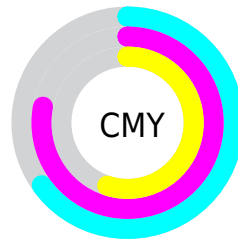
-  Red (35%)
-  Green (22%)
-  Blue (45%)






-  Red (35%)
-  Yellow (22%)
-  Blue (45%)



-  Cyan (21%)
-  Magenta (52%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (65%)
-  Magenta (78%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.1910, 1.9210, 25.7690 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 YIQ color 72.1910, 1.9210, 25.7690 by changing the saturation by 10% instead.

72.1910, 1.9210,
25.7690

72.1910, 1.9210,
25.7690

255.0000, -0.0000,
-0.0000

48.3650, 1.3710,
24.7230

121.8430, 3.0210,
27.8610

25.8380, 1.4170,
23.8890

147.7830, 3.2500,
29.2180

12.3770, 1.0970,
18.6730

174.8970, 2.9290,
29.5290

2.9810, -7.0160,
6.0080

202.3100, 3.2040,
30.0520

0.0000, 0.0000,
0.0000

227.4000, 11.4580,
23.6340

245.0210, 4.6750,

8.8910

■ 72.1910, 1.9210,
25.7690

■ 72.1910, 1.9210,
25.7690

■ 64.2390, 1.9660,
30.4620

■ 80.1430, 1.8760,
21.0760

■ 55.9990, 2.8820,
35.8900

■ 88.3830, 0.9600,
15.6480

■ 48.0470, 2.9270,
40.5830

■ 96.3350, 0.9150,
10.9550

■ 39.8070, 3.8430,
46.0110

■ 104.8740, 0.5950,
5.7390

■ 33.3280, 3.9340,
49.8700

■ 112.5270, -0.0460,
0.8340

■ 120.4790, -0.0910,
-3.8590

■ 128.7190, -1.0070,
-9.2870

■ 136.6710, -1.0520,
-13.9800

■ 145.2100, -1.3720,
-19.1960

Harmonies

Analogous

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



64.6030, -40.7620, 11.8620



72.1910, 1.9210, 25.7690



69.5550, 30.2550, 29.8950

Triad

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



72.1910, 1.9210, 25.7690



66.7390, 39.7990, -10.9290



58.8840, -50.0640, -17.8080

Complementary

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



72.1910, 1.9210, 25.7690



96.8090, -1.9210, -25.7690

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.



54.7630, -39.8380, -26.9260



72.1910, 1.9210, 25.7690



64.0800, 22.2410, -23.1270

Square

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



72.1910, 1.9210, 25.7690



67.5250, 46.9940, 7.3620



60.0470, -8.5230, -27.2670



61.4890, -58.7770, -8.5770

Rectangle

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



72.1910, 1.9210, 25.7690



67.6070, 41.6720, 26.7280



60.0470, -8.5230, -27.2670



57.7440, -46.8540, -20.9180

Sweetspot

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



72.1910, 1.9210, 25.7690



130.9220, 0.6400, 10.4320



76.4010, -25.8140, 5.2740



63.9880, 0.2740, 6.0500



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



72.1910, 1.9210, 25.7690



82.9330, 3.2480, 40.2720



78.7970, 17.8300, 29.3020



51.8800, 0.4580, 2.7140



34.9090, 3.7960, 52.3720



72.1110, 8.3250, 107.9810

Inverse Universe

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



75.3770, 27.4600, 19.9720



87.7260, 42.9550, 31.0110



90.2030, -17.8300, -29.3020



52.1360, 2.6130, 2.2050



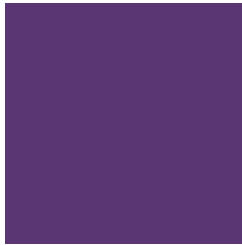
41.4660, 55.7910, 40.6790



85.2530, 115.1120, 83.4640

Previews

White Background



This preview shows how the YIQ color 72.1910, 1.9210, 25.7690 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 YIQ color 72.1910, 1.9210, 25.7690 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](#).

YIQ 72.1910, 1.9210, 25.7690

Background



This preview shows how black text looks on a background with the YIQ color 72.1910, 1.9210, 25.7690.



This preview shows how white text looks on a background with the YIQ color 72.1910, 1.9210,

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

72.1910, 1.9210, 25.7690

Protanopia

66.9520, -34.4350, 12.8370

Deuteranopia

68.0960, -26.2730, 8.0870



Tritanopia

71.6530, 8.5270, 5.1590

Trichromacy



Original Color

72.1910, 1.9210, 25.7690

Protanomaly

68.5300, -21.3230, 17.5010

Deuteranomaly

69.7600, -16.2790, 14.1930

Tritanomaly

72.0260, 6.2790, 12.8630

Monochromacy



Original Color

72.1910, 1.9210, 25.7690

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2810, 1.0070, 9.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.1910, 1.9210, 25.7690 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(90, 55, 114)` looks like.

```
.text, #text, p{  
    color:rgb(90, 55, 114)  
}
```

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(90, 55, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 55, 114) }
```

Border

The CSS property to change the border of an element to YIQ 72.1910, 1.9210, 25.7690 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(90, 55, 114) }
```


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

```
.border{ border-color:rgb(90, 55, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 55, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 55, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 55, 114);  
box-shadow:4px 4px 4px 4px rgb(90, 55,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 72.1910, 1.9210, 25.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 55, 114) }
```

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

```
.background{ background-color: rgb(90, 55,  
114) }
```

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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