

Converting Colors

YIQ(50.5790, 22.8210, 65.5170)

Have a look what the booklet for
YIQ(50.5790, 22.8210, 65.5170)
contains.

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Color

**YIQ(50.5790, 22.8210,
65.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	710289
RGB	113, 2, 137
RGB Percent	44%, 1%, 54%
CMY	0.5565, 0.9923, 0.4628
CMYK	0.17, 0.99, 0.00, 0.46
HSL	289°, 97%, 27%
HSV	289°, 99%, 54%
XYZ	11.3578, 5.3651, 24.1025
YIQ	50.5790, 22.8210, 65.5170

Conversions

Conversions Part 2

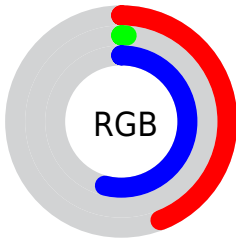
Format	Color
R_{YB}	113, 2, 137
Decimal	7406217
CIE _{Lab}	27.75, 57.70, -45.55
CIE _{LCh}	28, 73.511, 321.708
Yxy	5.3651, 0.2782, 0.1314
Android (android.graphics.Color)	4285596297 (0xFF710289)
YUV	50.5790, 42.6056, 54.7432
Hunter-Lab	23.1626, 46.9930, -45.4821

Details

The YIQ color **50.5790, 22.8210, 65.5170** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **88.4210, -22.8210, -65.5170**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.3950, 20.1630, 58.6190**, and **27.4450, 7.5580, 39.2540** is the 20% darker color. If you saturate the color by 10%, you get **49.4050, 23.3710, 66.5630**, and if you desaturate by 10%, it is **59.6940, 20.7590, 58.8310**.

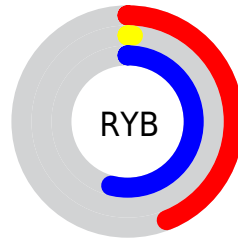
Distribution



Red (44%)

Green (1%)

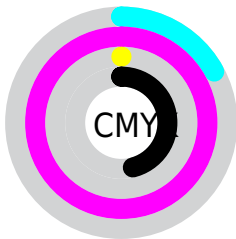
Blue (54%)



Red (44%)

Yellow (1%)

Blue (54%)

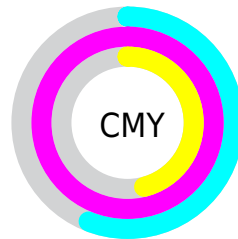


Cyan (17%)

Magenta (99%)

Yellow (0%)

Black (46%)



Cyan (56%)

Magenta (99%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.5790, 22.8210, 65.5170 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 50.5790, 22.8210, 65.5170 by changing the saturation by 10% instead.

50.5790, 22.8210,
65.5170

50.5790, 22.8210,
65.5170

255.0000, -0.0000,
-0.0000

38.3680, 15.6250,
52.7530

113.3950, 20.1630,
58.6190

27.4450, 7.5580,
39.2540

140.8080, 20.4380,
59.1420

17.5330, 0.9580,
26.7020

169.5200, 21.3090,
59.8770

4.4460, -12.5190,
12.1290

194.5390, 28.3250,
53.8690


2.4110, -5.4110,
4.4530


210.9750, 20.6250,
39.2250


0.0000, 0.0000,
0.0000


227.9980, 12.6500,


24.0580


 245.0210, 4.6750,
8.8910


 50.5790, 22.8210,
65.5170


 50.5790, 22.8210,
65.5170


 49.4050, 23.3710,
66.5630

 59.6940, 20.7590,
58.8310

 67.9230, 18.3760,
52.4560

 76.7390, 15.7180,
45.5580

 85.8540, 13.6560,
38.8720

 94.0830, 11.2730,
32.4970

■ 103.1980, 9.2110,
25.8110

■ 112.0140, 6.5530,
18.9130

■ 120.8300, 3.8950,
12.0150

■ 129.3580, 2.1080,
5.8520

Harmonies

Analogous

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



54.3550, -71.7580, 22.9460



50.5790, 22.8210, 65.5170



55.0240, 63.6280, 58.3480

Triad

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



50.5790, 22.8210, 65.5170



62.1520, 40.0740, -10.4060



62.5660, -57.6760, -12.0120

Complementary

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



50.5790, 22.8210, 65.5170



88.4210, -22.8210, -65.5170

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.



55.2530, -38.4620, -29.8380



50.5790, 22.8210, 65.5170



55.9850, 3.2150, -30.7450

Square

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



50.5790, 22.8210, 65.5170



50.3330, 74.3180, 18.7820



48.1340, -22.5500, -42.8860



68.1520, -73.4050, 3.2270

Rectangle

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



50.5790, 22.8210, 65.5170



52.3010, 78.4850, 47.9010



48.1340, -22.5500, -42.8860



60.4000, -51.5770, -17.9210

Sweetspot

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



50.5790, 22.8210, 65.5170



144.3120, 8.8900, 26.1220



32.0650, -50.2100, 28.9100



68.7210, 5.8200, 15.6760



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



50.5790, 22.8210, 65.5170



64.3590, 30.1530, 86.8330



52.8530, 50.9280, 57.2320



64.5920, 1.3290, 3.4490



47.7530, 22.2710, 64.4710



1.7660, 0.7790, 2.4030

Inverse Universe

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



45.1010, 72.7560, 36.0840



57.1690, 96.4120, 47.9000



86.1470, -50.9280, -57.2320



64.2070, 3.8510, 1.7950



42.3890, 71.8850, 35.3490



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 50.5790, 22.8210, 65.5170 looks on a white background.

Color Contrast Check

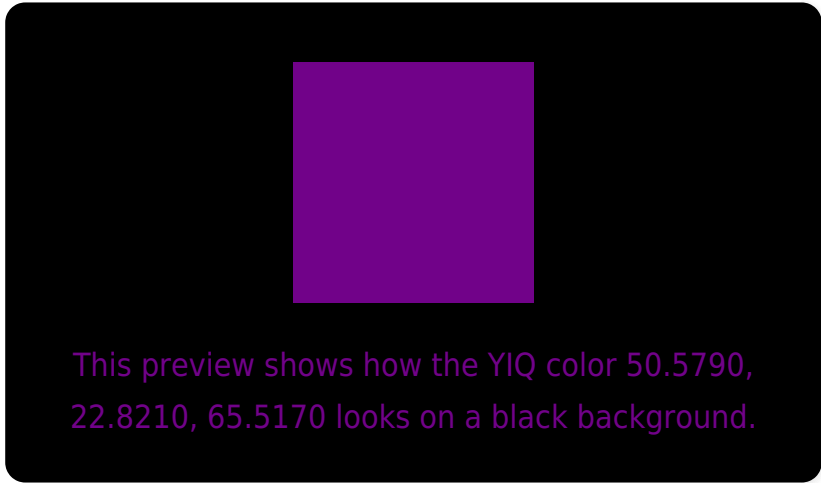
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

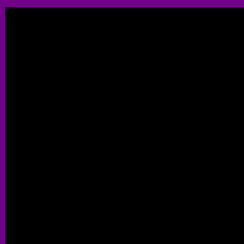
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.5790, 22.8210, 65.5170

Background



This preview shows how black text looks on a background with the YIQ color 50.5790, 22.8210, 65.5170.



This preview shows how white text looks on a background with the YIQ color 50.5790, 22.8210,

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

50.5790, 22.8210, 65.5170

Protanopia

54.7020, -63.0900, 9.0220

Deuteranopia

55.1120, -58.7330, 1.6430



Tritanopia

68.8080, 27.3240, 11.4200

Trichromacy



Original Color

50.5790, 22.8210, 65.5170

Protanomaly

53.3460, -32.0080, 29.4320

Deuteranomaly

53.2660, -29.0270, 24.9650

Tritanomaly

62.1570, 25.6240, 31.2240

Monochromacy



Original Color

50.5790, 22.8210, 65.5170

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.8450, 8.7070, 23.9310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.5790, 22.8210, 65.5170 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(113, 2, 137)` looks like.

```
.text, #text, p{  
    color:rgb(113, 2, 137)  
}
```

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(113, 2, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 2, 137) }
```

Border

The CSS property to change the border of an element to YIQ 50.5790, 22.8210, 65.5170 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(113, 2, 137) }
```


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

```
.border{ border-color:rgb(113, 2, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 2, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 2, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 2, 137); box-shadow:4px 4px 4px 4px rgb(113, 2, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 50.5790, 22.8210, 65.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 2, 137) }
```

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

```
.background{ background-color: rgb(113, 2,  
137) }
```

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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