

Converting Colors

YIQ(65.5680, 12.1860, 54.5060)

Have a look what the booklet for
YIQ(65.5680, 12.1860, 54.5060)
contains.

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Color

**YIQ(65.5680, 12.1860,
54.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1B91
RGB	111, 27, 145
RGB Percent	44%, 11%, 57%
CMY	0.5644, 0.8942, 0.4314
CMYK	0.23, 0.81, 0.00, 0.43
HSL	283°, 69%, 34%
HSV	283°, 81%, 57%
XYZ	12.0654, 6.2103, 27.3464
YIQ	65.5680, 12.1860, 54.5060

Conversions

Conversions Part 2

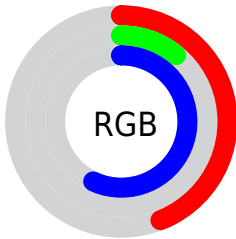
Format	Color
R_{YB}	111, 27, 145
Decimal	7281553
CIE _{Lab}	29.94, 53.28, -46.98
CIE _{LCh}	30, 71.040, 318.595
Y _{xy}	6.2103, 0.2645, 0.1361
Android (android.graphics.Color)	4285471633 (0xFF6F1B91)
Y _{UV}	65.5680, 39.1600, 39.8439
Hunter-Lab	24.9204, 42.8114, -47.6175

Details

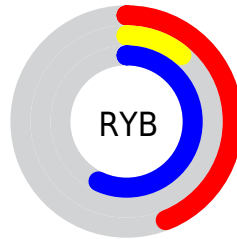
The YIQ color **65.5680, 12.1860, 54.5060** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **106.4320, -12.1860, -54.5060**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.5680, 12.1860, 54.5060**, and **27.6450, 4.1190, 41.0070** is the 20% darker color. If you saturate the color by 10%, you get **55.5670, 13.9270, 61.5030**, and if you desaturate by 10%, it is **74.9820, 10.7200, 48.0320**.

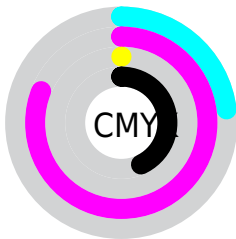
Distribution



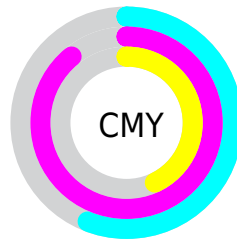
- Red (44%)
- Green (11%)
- Blue (57%)



- Red (44%)
- Yellow (11%)
- Blue (57%)



- Cyan (23%)
- Magenta (81%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (89%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.5680, 12.1860, 54.5060 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 65.5680, 12.1860, 54.5060 by changing the saturation by 10% instead.

65.5680, 12.1860,
54.5060

65.5680, 12.1860,
54.5060

255.0000, -0.0000,
-0.0000

38.6820, 11.8650,
54.8170

120.5680, 12.1860,
54.5060

27.6450, 4.1190,
41.0070

148.2800, 13.0570,
55.2410

18.3310, -1.2890,
28.8790

175.8780, 14.2490,
55.6650

5.2440, -14.7660,
14.3060

200.6970, 24.7040,
47.9040

3.3230, -7.9790,
6.9410

217.4320, 17.6000,
33.4720

0.0000, 0.0000,
0.0000

233.8680, 9.9000,

18.8280

251.4780, 1.6500,
3.1380

65.5680, 12.1860,
54.5060

65.5680, 12.1860,
54.5060

55.5670, 13.9270,
61.5030

74.9820, 10.7200,
48.0320

47.3270, 14.8430,
66.9310

84.9830, 8.9790,
41.0350

94.6960, 8.1090,
34.7730

104.6970, 6.3680,
27.7760

114.1110, 4.9020,
21.3020

■ 124.1120, 3.1610,
14.3050

■ 133.5260, 1.6950,
7.8310

■ 143.5270, -0.0460,
0.8340

■ 153.2400, -0.9160,
-5.4280

Harmonies

Analogous

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



59.0340, -75.2880, 20.8400



65.5680, 12.1860, 54.5060



56.7620, 61.6100, 61.8820

Triad

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



65.5680, 12.1860, 54.5060



66.9030, 45.2090, -9.8550



65.9740, -59.0050, -15.4610

Complementary

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



65.5680, 12.1860, 54.5060



106.4320, -12.1860, -54.5060

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.



58.1880, -39.8370, -32.4530



65.5680, 12.1860, 54.5060



61.9320, 10.7340, -29.3460

Square

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



65.5680, 12.1860, 54.5060



55.0730, 77.9860, 18.3860



51.0690, -23.9250, -45.5010



70.9730, -74.4590, 0.3010

Rectangle

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



65.5680, 12.1860, 54.5060



54.7510, 77.3380, 52.1700



51.0690, -23.9250, -45.5010



63.2210, -52.6310, -20.8470

Sweetspot

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



65.5680, 12.1860, 54.5060



158.1110, 4.9020, 21.3020



60.9970, -47.5030, 18.3930



75.7590, 2.6570, 12.4250



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



65.5680, 12.1860, 54.5060



64.5580, 19.2870, 85.5190



72.9980, 40.1540, 54.2500



66.2930, 0.7330, 3.2370



44.0940, 13.8810, 62.3370



2.4070, 0.4120, 3.5480

Inverse Universe

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



66.1580, 59.4140, 35.5900



65.3570, 93.2470, 55.7030



99.0020, -40.1540, -54.2500



66.3210, 3.5300, 2.1060



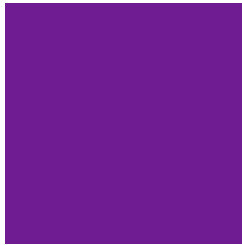
44.8110, 67.9410, 40.7490



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 65.5680, 12.1860, 54.5060 looks on a white background.

Color Contrast Check

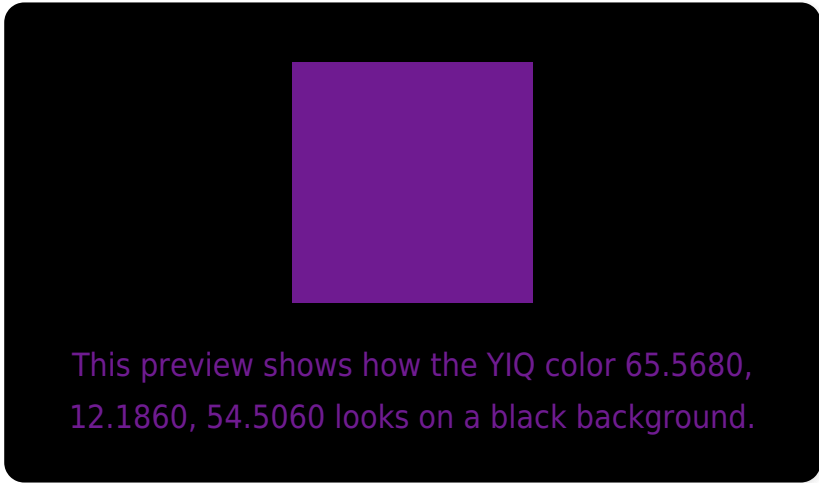
Large Text (above 18pt) WCAG AA ✓ Pass

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

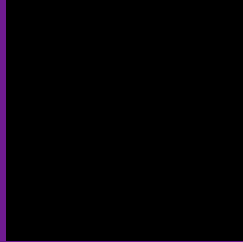
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.5680, 12.1860, 54.5060

Background



This preview shows how black text looks on a background with the YIQ color 65.5680, 12.1860, 54.5060.



This preview shows how white text looks on a background with the YIQ color 65.5680, 12.1860,

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

65.5680, 12.1860, 54.5060

Protanopia

57.1470, -65.8410, 9.3190

Deuteranopia

57.4430, -61.1630, 1.6290



Tritanopia

72.8180, 21.3640, 9.3000

Trichromacy



Original Color

65.5680, 12.1860, 54.5060

Protanomaly

60.3020, -37.8760, 25.6440

Deuteranomaly

60.1080, -34.5740, 20.8660

Tritanomaly

70.2760, 17.7390, 25.4430

Monochromacy



Original Color

65.5680, 12.1860, 54.5060

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.8720, 4.0770, 19.7330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.5680, 12.1860, 54.5060 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(111, 27, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 27, 145)  
}
```

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(111, 27, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 27, 145) }
```

Border

The CSS property to change the border of an element to YIQ 65.5680, 12.1860, 54.5060 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(111, 27, 145) }
```


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

```
.border{ border-color:rgb(111, 27, 145) }
```

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

Here you see how a box with a 4 pixel rgb(111, 27, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 27, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 27, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 27,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 65.5680, 12.1860, 54.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 27, 145) }
```

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

```
.background{ background-color: rgb(111, 27,  
145) }
```

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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