

Converting Colors

YIQ(58.8660, 22.5500, 42.8860)

Have a look what the booklet for
YIQ(58.8660, 22.5500, 42.8860)
contains.

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Color

**YIQ(58.8660, 22.5500,
42.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	6B196B
RGB	107, 25, 107
RGB Percent	42%, 10%, 42%
CMY	0.5801, 0.9021, 0.5804
CMYK	0.00, 0.77, 0.00, 0.58
HSL	300°, 62%, 26%
HSV	300°, 77%, 42%
XYZ	9.0720, 4.8852, 14.3765
YIQ	58.8660, 22.5500, 42.8860

Conversions

Conversions Part 2

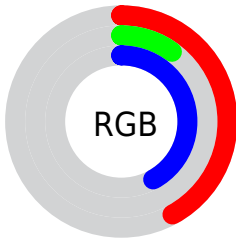
Format	Color
R_{YB}	107, 25, 107
Decimal	7018859
CIE Lab	26.41, 45.72, -28.73
CIE LCh	26, 54.000, 327.857
Yxy	4.8852, 0.3202, 0.1724
Android (android.graphics.Color)	4285208939 (0xFF6B196B)
YUV	58.8660, 23.7301, 42.2135
Hunter-Lab	22.1024, 34.5870, -23.0935

Details

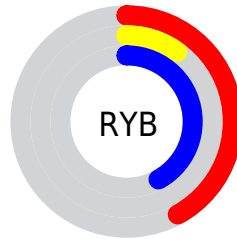
The YIQ color **58.8660, 22.5500, 42.8860** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **73.1340, -22.5500, -42.8860**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **112.0510, 23.4670, 42.7870**, and **23.4700, 14.4370, 30.2210** is the 20% darker color. If you saturate the color by 10%, you get **52.4090, 25.5750, 48.6390**, and if you desaturate by 10%, it is **65.3230, 19.5250, 37.1330**.

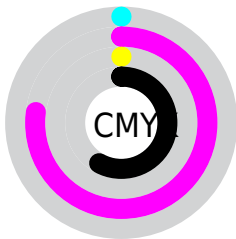
Distribution



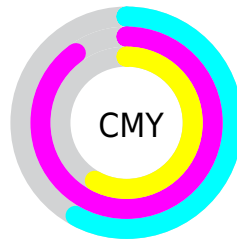
- Red (42%)
- Green (10%)
- Blue (42%)



- Red (42%)
- Yellow (10%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (0%)
- Black (58%)



- Cyan (58%)
- Magenta (90%)
- Yellow (58%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.8660, 22.5500, 42.8860 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 58.8660, 22.5500, 42.8860 by changing the saturation by 10% instead.

■ 58.8660, 22.5500,
42.8860

■ 58.8660, 22.5500,
42.8860

■ 255.0000, -0.0000,
-0.0000

■ 33.5670, 21.9540,
42.6740

■ 112.0510, 23.4670,
42.7870

■ 23.4700, 14.4370,
30.2210

■ 138.7630, 24.3380,
43.5220

■ 14.0850, 7.7910,
18.5030

■ 166.4750, 25.2090,
44.2570

■ 2.0690, -4.4480,
3.5200

■ 194.1870, 26.0800,
44.9920

■ 0.0000, 0.0000,
0.0000

■ 213.9100, 19.2500,
36.6100

■ 230.9330, 11.2750,

21.4430

247.9560, 3.3000,
6.2760

58.8660, 22.5500,
42.8860

58.8660, 22.5500,
42.8860

52.4090, 25.5750,
48.6390

65.3230, 19.5250,
37.1330

46.5390, 28.3250,
53.8690

71.1930, 16.7750,
31.9030

44.1910, 29.4250,
55.9610

77.6500, 13.7500,
26.1500

84.1070, 10.7250,
20.3970

90.5640, 7.7000,
14.6440

■ 96.4340, 4.9500,
9.4140

■ 102.8910, 1.9250,
3.6610

■ 109.3480, -1.1000,
-2.0920

■ 115.2180, -3.8500,
-7.3220

Harmonies

Analogous

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



60.3690, -30.8150, 24.3290



58.8660, 22.5500, 42.8860



46.5080, 55.9730, 48.3970

Triad

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



58.8660, 22.5500, 42.8860



59.1400, 31.1800, -14.4200



57.7730, -53.8250, -10.2170

Complementary

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



58.8660, 22.5500, 42.8860



73.1340, -22.5500, -42.8860

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.



52.9850, -40.3430, -23.2790



58.8660, 22.5500, 42.8860



53.6370, 4.3150, -28.6530

Square

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



58.8660, 22.5500, 42.8860



57.2560, 54.8810, 2.0890



45.9800, -24.7520, -36.0160



60.3610, -63.8680, 1.0920

Rectangle

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



58.8660, 22.5500, 42.8860



44.0280, 65.8320, 40.4240



45.9800, -24.7520, -36.0160



56.2910, -49.6520, -14.2600

Sweetspot

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



58.8660, 22.5500, 42.8860



121.2160, 8.8000, 16.7360



34.3480, -26.3220, 25.5020



59.2600, 5.5000, 10.4600



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



58.8660, 22.5500, 42.8860



64.2770, 35.4750, 67.4670



54.1920, 35.7110, 30.1350



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350

Inverse Universe

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



58.8660, 22.5500, 42.8860



64.2770, 35.4750, 67.4670



77.8080, -35.7110, -30.1350



50.4780, 1.6500, 3.1380



48.3210, 32.1750, 61.1910



101.1850, 67.3750, 128.1350

Previews

White Background



This preview shows how the YIQ color 58.8660, 22.5500, 42.8860 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

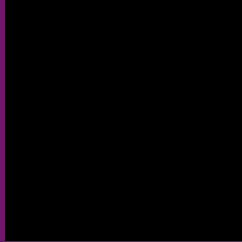
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.8660, 22.5500, 42.8860

Background



This preview shows how black text looks on a background with the YIQ color 58.8660, 22.5500, 42.8860.



This preview shows how white text looks on a background with the YIQ color 58.8660, 22.5500,

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

58.8660, 22.5500, 42.8860

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

61.9390, -24.3930, 7.0550



Tritanopia

63.4880, 31.2210, 12.3810

Trichromacy



Original Color

58.8660, 22.5500, 42.8860

Protanomaly

54.3320, -29.3930, 20.5830

Deuteranomaly

60.8260, -7.4770, 19.8750

Tritanomaly

61.7840, 27.8720, 23.5200

Monochromacy



Original Color

58.8660, 22.5500, 42.8860

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.8660, 22.5500, 42.8860 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(107, 25, 107)` looks like.

```
.text, #text, p{  
    color:rgb(107, 25, 107)  
}
```

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(107, 25, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 25, 107) }
```

Border

The CSS property to change the border of an element to YIQ 58.8660, 22.5500, 42.8860 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(107, 25, 107) }
```


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

```
.border{ border-color:rgb(107, 25, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 25, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 25, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 25, 107);  
box-shadow:4px 4px 4px 4px rgb(107, 25,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 58.8660, 22.5500, 42.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 25, 107) }
```

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

```
.background{ background-color: rgb(107, 25,  
107) }
```

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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