

Converting Colors

YIQ(57.8210, -44.6120, 4.5400)

Have a look what the booklet for
YIQ(57.8210, -44.6120, 4.5400)
contains.

YIQ(57.8210, -44.6120, 4.5400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.8210, -44.6120,
4.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	124373
RGB	18, 67, 115
RGB Percent	7%, 26%, 45%
CMY	0.9295, 0.7372, 0.5492
CMYK	0.84, 0.42, 0.00, 0.55
HSL	210°, 73%, 26%
HSV	210°, 84%, 45%
XYZ	5.3488, 5.3817, 16.9600
YIQ	57.8210, -44.6120, 4.5400

Conversions

Conversions Part 2

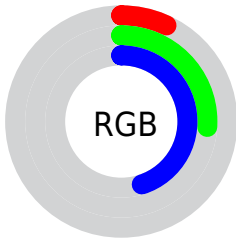
Format	Color
R _{YB}	18, 51, 115
Decimal	1196915
CIE Lab	27.80, 2.83, -32.10
CIE LCh	28, 32.225, 275.041
Yxy	5.3817, 0.1932, 0.1944
Android (android.graphics.Color)	4279386995 (0xFF124373)
YUV	57.8210, 28.1892, -34.9230
Hunter-Lab	23.1985, 0.5587, -27.1070

Details

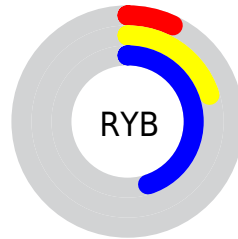
The YIQ color **57.8210, -44.6120, 4.5400** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.1790, 44.6120, -4.5400**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1640, -38.1480, 8.5400**, and **22.1990, -28.0610, 7.4510** is the 20% darker color. If you saturate the color by 10%, you get **50.7110, -50.1140, 5.1340**, and if you desaturate by 10%, it is **64.6320, -39.7060, 3.7340**.

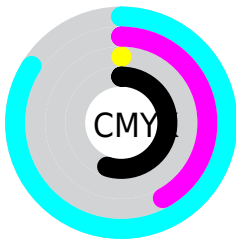
Distribution



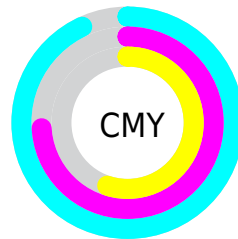
- Red (7%)
- Green (26%)
- Blue (45%)



- Red (7%)
- Yellow (20%)
- Blue (45%)



- Cyan (84%)
- Magenta (42%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (74%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.8210, -44.6120, 4.5400 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 57.8210, -44.6120, 4.5400 by changing the saturation by 10% instead.

■ 57.8210, -44.6120,
4.5400

■ 57.8210, -44.6120,
4.5400

■ 255.0000, -0.0000,
-0.0000

■ 36.6750, -41.2650,
4.4550

■ 110.1640,
-38.1480, 8.5400

■ 22.1990, -28.0610,
7.4510

■ 136.1040,
-37.9190, 9.8970

■ 6.7770, -14.9490,
12.1150

■ 162.6310,
-37.9650, 10.7310

■ 3.0950, -7.3370,
6.3190

■ 190.0440,
-37.6900, 11.2540

■ 0.0000, 0.0000,
0.0000

■ 215.3080,
-29.9860, 3.7900

■ 241.0020,

-20.6770, -5.2290

252.6080, -4.7680,
-1.6960

57.8210, -44.6120,
4.5400

57.8210, -44.6120,
4.5400

50.7110, -50.1140,
5.1340

64.6320, -39.7060,
3.7340

47.1560, -52.8650,
5.4310

71.1550, -33.9290,
3.6630

77.9660, -29.0230,
2.8570

85.0760, -23.5210,
2.2630

91.3000, -18.3400,
1.9800

■ 98.4100, -12.8380,
1.3860

■ 105.2210, -7.9320,
0.5800

■ 111.7440, -2.1550,
0.5090

■ 118.5550, 2.7510,
-0.2970

Harmonies

Analogous

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



55.9780, -55.6600, -4.4920



57.8210, -44.6120, 4.5400



67.0710, -6.7890, 18.4190

Triad

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



57.8210, -44.6120, 4.5400



64.3270, 38.9240, 10.4440



50.8240, -32.6400, -25.2160

Complementary

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



57.8210, -44.6120, 4.5400



75.1790, 44.6120, -4.5400

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.



59.4230, 2.3420, -20.4260



57.8210, -44.6120, 4.5400



64.1440, 34.5250, -3.4510

Square

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



57.8210, -44.6120, 4.5400



65.1990, 33.8330, 20.1130



62.5350, 22.6980, -14.8860



53.6520, -43.5990, -19.3350

Rectangle

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



57.8210, -44.6120, 4.5400



67.5740, 10.9080, 22.5880



62.5350, 22.6980, -14.8860



55.9030, -16.6850, -22.5170

Sweetspot

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



57.8210, -44.6120, 4.5400



128.3710, -17.1020, 1.5700



80.2970, -41.7620, -36.1140



63.0790, -10.4080, 1.4000



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



57.8210, -44.6120, 4.5400



61.7120, -69.0500, 6.9020



30.2320, -31.6870, 29.1210



55.4450, -2.7510, 0.2970



50.3020, -56.2120, 5.5160



102.4620, -114.9000, 11.8520

Inverse Universe

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



52.5890, 42.0830, 35.8030



53.5140, 65.0040, 55.4360



102.7680, 31.6870, -29.1210



55.1360, 2.6130, 2.2050



43.5460, 52.8100, 45.1460



89.1140, 108.5540, 92.1860

Previews

White Background



This preview shows how the YIQ color 57.8210, -44.6120, 4.5400 looks on a white background.

Color Contrast Check

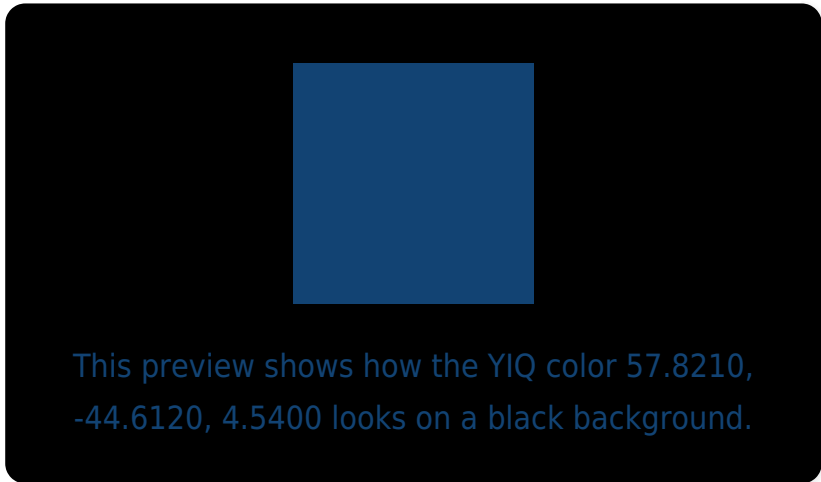
Large Text (above 18pt) WCAG AA ✓ Pass

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

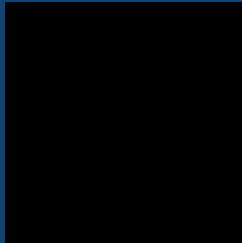
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.8210, -44.6120, 4.5400

Background



This preview shows how black text looks on a background with the YIQ color 57.8210, -44.6120, 4.5400.



This preview shows how white text looks on a background with the YIQ color 57.8210, -44.6120,

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

57.8210, -44.6120, 4.5400

Protanopia

63.7910, -26.7320, 10.9000

Deuteranopia

59.6150, -41.0360, 5.8120



Tritanopia

51.7430, -45.1130, -13.9210

Trichromacy



Original Color

57.8210, -44.6120, 4.5400

Protanomaly

61.5020, -33.2880, 8.5680

Deuteranomaly

59.0170, -42.2280, 5.3880

Tritanomaly

54.1440, -44.5640, -7.3480

Monochromacy



Original Color

57.8210, -44.6120, 4.5400

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.6700, -16.5060, 1.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.8210, -44.6120, 4.5400 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(18, 67, 115)` looks like.

```
.text, #text, p{  
    color:rgb(18, 67, 115)  
}
```

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(18, 67, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 67, 115) }
```

Border

The CSS property to change the border of an element to YIQ 57.8210, -44.6120, 4.5400 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(18, 67, 115) }
```


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

```
.border{ border-color:rgb(18, 67, 115) }
```

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

Here you see how a box with a 4 pixel rgb(18, 67, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 67, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 67, 115);  
box-shadow:4px 4px 4px 4px rgb(18, 67,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 57.8210, -44.6120, 4.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 67, 115) }
```

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

```
.background{ background-color: rgb(18, 67,  
115) }
```

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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