

Converting Colors

YIQ(125.4590, -22.5610,
17.9110)

Have a look what the booklet for
YIQ(125.4590, -22.5610, 17.9110)
contains.

YIQ(125.4590, -22.5610, 17.9110)	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(125.4590, -22.5610,
17.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	7378B5
RGB	115, 120, 181
RGB Percent	45%, 47%, 71%
CMY	0.5490, 0.5294, 0.2903
CMYK	0.36, 0.34, 0.00, 0.29
HSL	235°, 31%, 58%
HSV	235°, 36%, 71%
XYZ	22.1248, 20.4135, 46.4714
YIQ	125.4590, -22.5610, 17.9110

Conversions

Conversions Part 2

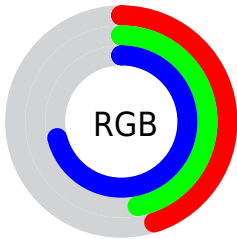
Format	Color
R_{YB}	115, 120, 181
Decimal	7567541
CIE _{Lab}	52.30, 13.17, -32.82
CIE _{LCh}	52, 35.364, 291.866
Yxy	20.4135, 0.2486, 0.2293
Android (android.graphics.Color)	4285757621 (0xFF7378B5)
YUV	125.4590, 27.3817, -9.1725
Hunter-Lab	45.1813, 8.3419, -29.3560

Details

The YIQ color $125.4590, -22.5610, 17.9110$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $170.5410, 22.5610, -17.9110$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.5130, -22.6530, 19.5790$, and $75.6930, -23.3400, 15.5080$ is the 20% darker color. If you saturate the color by 10%, you get $110.0980, -28.6140, 22.9860$, and if you desaturate by 10%, it is $140.8200, -16.5080, 12.8360$.

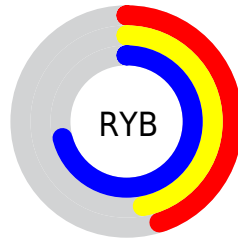
Distribution



Red (45%)

Green (47%)

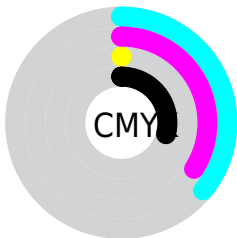
Blue (71%)



Red (45%)

Yellow (47%)

Blue (71%)

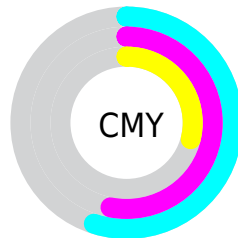


Cyan (36%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.4590, -22.5610, 17.9110 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 125.4590, -22.5610, 17.9110 by changing the saturation by 10% instead.

■ 125.4590,
-22.5610, 17.9110

■ 125.4590,
-22.5610, 17.9110

■ 255.0000, -0.0000,
-0.0000

■ 99.9320, -22.5150,
17.0770

■ 178.5130,
-22.6530, 19.5790

■ 75.6930, -23.3400,
15.5080

■ 204.7860,
-19.1680, 16.9920

■ 51.4540, -24.1650,
13.9390

■ 229.5940,
-10.1800, 8.2840

■ 27.4100, -30.0330,
10.1510

■ 254.7010, -0.5960,
-0.2120

■ 8.0310, -18.4800,
15.5360

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 125.4590,
-22.5610, 17.9110

■ 125.4590,
-22.5610, 17.9110

■ 110.0980,
-28.6140, 22.9860

■ 140.8200,
-16.5080, 12.8360

■ 95.3240, -34.9420,
27.5380

■ 155.5940,
-10.1800, 8.2840

■ 79.9630, -40.9950,
32.6130

■ 170.9550, -4.1270,
3.2090

■ 64.6020, -47.0480,
37.6880

■ 186.3160, 1.9260,
-1.8660

■ 49.2410, -53.1010,
42.7630

■ 201.6770, 7.9790,
-6.9410

■ 34.1680, -60.0250,
47.1030

■ 216.7500, 14.9030,
-11.2810

■ 28.8520, -61.9510,
48.9690

■ 232.1110, 20.9560,
-16.3560

■ 245.9770, 24.0290,
-22.4910

■ 246.5640, 23.7540,
-23.0140

Harmonies

Analogous

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



114.3290, -60.8420, 1.3180



125.4590, -22.5610, 17.9110



128.9100, 10.0820, 26.5460

Triad

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



125.4590, -22.5610, 17.9110



124.6020, 48.0950, 3.9270



106.6520, -52.7670, -29.3990

Complementary

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



125.4590, -22.5610, 17.9110



170.5410, 22.5610, -17.9110

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.



115.9370, -14.0250, -26.6730



125.4590, -22.5610, 17.9110



122.8850, 36.4520, -10.8440

Square

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



125.4590, -22.5610, 17.9110



125.8600, 47.9090, 18.3170



120.1270, 14.8590, -21.5010



98.8240, -85.3660, -27.8140

Rectangle

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



125.4590, -22.5610, 17.9110



128.3050, 27.9630, 27.3790



120.1270, 14.8590, -21.5010



110.6060, -37.9580, -27.9580

Sweetspot

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



125.4590, -22.5610, 17.9110



213.1380, -8.8960, 7.0400



160.5820, -37.4100, -15.8580



104.2970, -5.0900, 4.1420



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



125.4590, -22.5610, 17.9110



147.5520, -35.5840, 28.1600



130.5970, -5.0940, 26.2500



81.6130, -3.1640, 2.2760



24.4860, -52.4130, 41.3070



4.1380, -8.8960, 7.0400

Inverse Universe

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



135.3040, 37.7310, 15.5470



163.0080, 59.4160, 24.5360



165.1040, 4.4980, -26.4620



82.8050, 5.0430, 2.2190



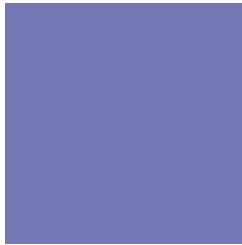
47.1150, 87.3360, 36.1680



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 125.4590, -22.5610, 17.9110 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 125.4590, -22.5610, 17.9110 looks on a black 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 × Fail

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

YIQ 125.4590, -22.5610, 17.9110

Background



This preview shows how black text looks on a background with the YIQ color 125.4590, -22.5610, 17.9110.

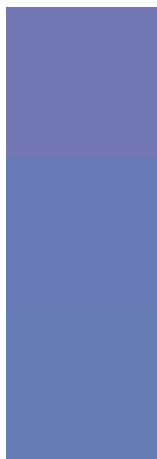


This preview shows how white text looks on a background with the YIQ color 125.4590, -22.5610,

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

125.4590, -22.5610, 17.9110

Protanopia

124.1590, -30.5840, 14.6320

Deuteranopia

123.8060, -31.0880, 12.7520



Tritanopia

122.3770, -17.2390, -1.4550

Trichromacy



Original Color

125.4590, -22.5610, 17.9110

Protanomaly

124.6540, -27.6040, 15.6920

Deuteranomaly

124.7140, -27.8330, 14.3350

Tritanomaly

123.5220, -18.8450, 5.6270

Monochromacy



Original Color

125.4590, -22.5610, 17.9110

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9100, -8.2540, 6.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.4590, -22.5610, 17.9110 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(115, 120, 181)` looks like.

```
.text, #text, p{  
    color:rgb(115, 120, 181)  
}
```

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(115, 120, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 120, 181) }
```

Border

The CSS property to change the border of an element to YIQ 125.4590, -22.5610, 17.9110 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(115, 120, 181) }
```


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

```
.border{ border-color:rgb(115, 120, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 120, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 120, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 120, 181);  
box-shadow:4px 4px 4px 4px rgb(115, 120,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 125.4590, -22.5610, 17.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 120, 181) }
```

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

```
.background{ background-color: rgb(115,  
120, 181) }
```

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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