

Converting Colors

YIQ(110.2550, -4.1310, 25.3170)

Have a look what the booklet for
YIQ(110.2550, -4.1310, 25.3170)
contains.

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Color

**YIQ(110.2550, -4.1310,
25.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5F9E
RGB	122, 95, 158
RGB Percent	48%, 37%, 62%
CMY	0.5215, 0.6275, 0.3805
CMYK	0.23, 0.40, 0.00, 0.38
HSL	266°, 25%, 50%
HSV	266°, 40%, 62%
XYZ	18.2911, 14.7900, 34.2310
YIQ	110.2550, -4.1310, 25.3170

Conversions

Conversions Part 2

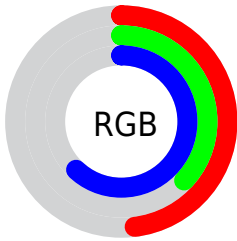
Format	Color
R_{YB}	122, 95, 158
Decimal	8019870
CIE Lab	45.35, 24.25, -30.23
CIE LCh	45, 38.753, 308.743
Yxy	14.7900, 0.2717, 0.2197
Android (android.graphics.Color)	4286209950 (0xFF7A5F9E)
YUV	110.2550, 23.5383, 10.3004
Hunter-Lab	38.4577, 17.5965, -25.8532

Details

The YIQ color **110.2550, -4.1310, 25.3170** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.7450, 4.1310, -25.3170**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6080, -3.6270, 27.1970**, and **61.4890, -4.9100, 22.9140** is the 20% darker color. If you saturate the color by 10%, you get **98.1720, -5.0950, 31.7770**, and if you desaturate by 10%, it is **122.3380, -3.1670, 18.8570**.

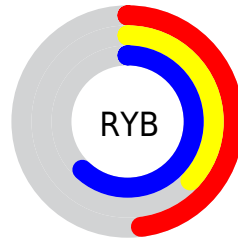
Distribution



Red (48%)

Green (37%)

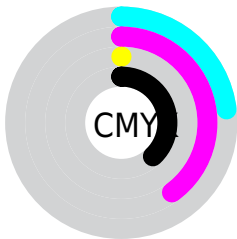
Blue (62%)



Red (48%)

Yellow (37%)

Blue (62%)

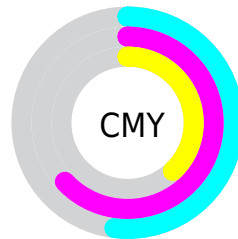


Cyan (23%)

Magenta (40%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (63%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.2550, -4.1310, 25.3170 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 110.2550, -4.1310, 25.3170 by changing the saturation by 10% instead.

■ 110.2550, -4.1310,
25.3170

■ 110.2550, -4.1310,
25.3170

■ 255.0000, -0.0000,
-0.0000

■ 85.4290, -4.6810,
24.2710

■ 162.6080, -3.6270,
27.1970

■ 61.7880, -4.3140,
23.1260

■ 189.7220, -3.9480,
27.5080

■ 38.6630, -5.4600,
21.8680

■ 215.8380, 1.4170,
23.8890

■ 16.1360, -5.4140,
21.0340

■ 239.1510, 7.4250,
14.1210

■ 4.1040, -11.5560,
11.1960

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 110.2550, -4.1310,
25.3170

■ 110.2550, -4.1310,
25.3170

■ 98.1720, -5.0950,
31.7770

■ 122.3380, -3.1670,
18.8570

■ 86.0890, -6.0590,
38.2370

■ 134.4210, -2.2030,
12.3970

■ 74.5930, -7.2980,
44.1740

■ 145.9170, -0.9640,
6.4600

■ 62.5100, -8.2620,
50.6340

■ 158.0000, -0.0000,
0.0000

■ 50.4270, -9.2260,
57.0940

■ 170.0830, 0.9640,
-6.4600

■ 38.3440, -10.1900,
63.5540

■ 182.1660, 1.9280,
-12.9200

■ 194.2490, 2.8920,
-19.3800

■ 205.7450, 4.1310,
-25.3170

■ 217.8280, 5.0950,
-31.7770

Harmonies

Analogous

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



102.9230, -44.6590, 10.9010



110.2550, -4.1310, 25.3170



109.7010, 26.9080, 29.9800

Triad

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



110.2550, -4.1310, 25.3170



105.5380, 44.9790, -5.6850



86.0120, -71.3360, -28.7760

Complementary

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



110.2550, -4.1310, 25.3170



142.7450, 4.1310, -25.3170

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.



90.3450, -41.7170, -31.4210



110.2550, -4.1310, 25.3170



103.5260, 26.9170, -19.7630

Square

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



110.2550, -4.1310, 25.3170



106.9710, 51.6700, 10.7260



99.4670, -0.9580, -26.7020



88.3720, -80.7370, -18.0890

Rectangle

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



110.2550, -4.1310, 25.3170



108.2480, 41.3050, 27.8730



99.4670, -0.9580, -26.7020



84.1710, -67.5300, -31.6740

Sweetspot

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



110.2550, -4.1310, 25.3170



187.8400, -2.0650, 9.8950



123.9010, -30.3980, 0.2420



93.5040, -1.2390, 5.9370



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



110.2550, -4.1310, 25.3170



131.2570, -6.4720, 40.2160



119.5240, 14.3450, 31.8890



73.1080, -0.1840, 3.3360



34.5410, -9.5470, 57.4050



3.8030, -0.6430, 6.1490

Inverse Universe

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



117.9410, 25.9920, 24.5520



143.3980, 41.3030, 38.9270



133.4760, -14.3450, -31.8890



73.9620, 3.1630, 3.2510



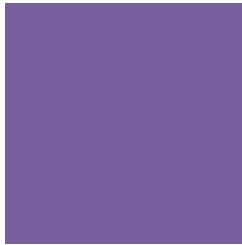
52.1050, 58.9060, 55.8180



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 110.2550, -4.1310, 25.3170 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 × Fail

Black Background



This preview shows how the YIQ color 110.2550, -4.1310, 25.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

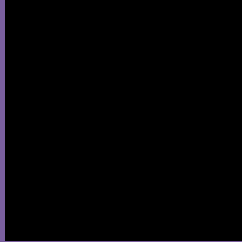
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 110.2550, -4.1310, 25.3170

Background



This preview shows how black text looks on a background with the YIQ color 110.2550, -4.1310, 25.3170.

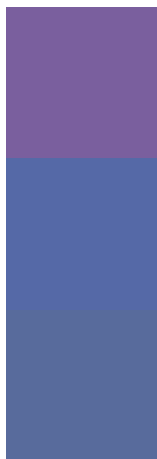


This preview shows how white text looks on a background with the YIQ color 110.2550, -4.1310,

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

110.2550, -4.1310, 25.3170

Protanopia

106.0880, -31.8220, 15.0420

Deuteranopia

106.9050, -27.0530, 11.2110



Tritanopia

108.6030, 2.7960, 4.3960

Trichromacy



Original Color

110.2550, -4.1310, 25.3170

Protanomaly

107.2850, -22.0110, 18.9570

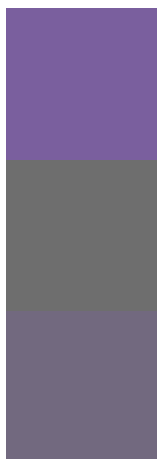
Deuteranomaly

108.2590, -19.1220, 16.1580

Tritanomaly

108.9760, 0.5480, 12.1000

Monochromacy



Original Color

110.2550, -4.1310, 25.3170

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1990, -1.6980, 8.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2550, -4.1310, 25.3170 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(122, 95, 158)` looks like.

```
.text, #text, p{  
    color:rgb(122, 95, 158)  
}
```

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(122, 95, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 95, 158) }
```

Border

The CSS property to change the border of an element to YIQ 110.2550, -4.1310, 25.3170 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(122, 95, 158) }
```


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

```
.border{ border-color:rgb(122, 95, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 95, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 95, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 95, 158); box-shadow:4px 4px 4px 4px rgb(122, 95, 158) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2550, -4.1310, 25.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 95, 158) }
```

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

```
.background{ background-color: rgb(122, 95,  
158) }
```

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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