

Converting Colors

YIQ(109.6220, -24.5780,
15.9180)

Have a look what the booklet for
YIQ(109.6220, -24.5780, 15.9180)
contains.

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Color

**YIQ(109.6220, -24.5780,
15.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	606AA4
RGB	96, 106, 164
RGB Percent	38%, 42%, 64%
CMY	0.6235, 0.5843, 0.3570
CMYK	0.41, 0.35, 0.00, 0.36
HSL	231°, 27%, 51%
HSV	231°, 41%, 64%
XYZ	16.6762, 15.4750, 37.2128
YIQ	109.6220, -24.5780, 15.9180

Conversions

Conversions Part 2

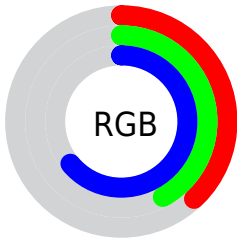
Format	Color
R_{YB}	96, 105, 164
Decimal	6318756
CIE _{Lab}	46.28, 11.47, -32.46
CIE _{LCh}	46, 34.425, 289.469
Yxy	15.4750, 0.2404, 0.2231
Android (android.graphics.Color)	4284508836 (0xFF606AA4)
YUV	109.6220, 26.8084, -11.9465
Hunter-Lab	39.3382, 6.8278, -28.5498

Details

The YIQ color $109.6220, -24.5780, 15.9180$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $150.3780, 24.5780, -15.9180$, and the grayscale version is $109.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $161.6760, -24.6700, 17.5860$, and $60.5570, -25.9530, 13.3030$ is the 20% darker color. If you saturate the color by 10%, you get $96.6200, -30.2640, 19.8480$, and if you desaturate by 10%, it is $122.6240, -18.8920, 11.9880$.

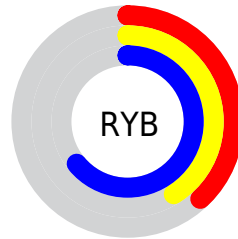
Distribution



Red (38%)

Green (42%)

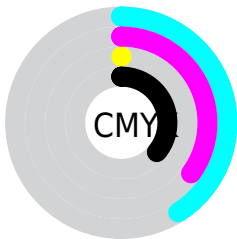
Blue (64%)



Red (38%)

Yellow (41%)

Blue (64%)

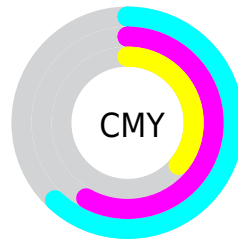


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.6220, -24.5780, 15.9180 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 109.6220, -24.5780, 15.9180 by changing the saturation by 10% instead.

■ 109.6220,
-24.5780, 15.9180

■ 109.6220,
-24.5780, 15.9180

■ 255.0000, -0.0000,
-0.0000

■ 84.6820, -24.8070,
14.5610

■ 161.6760,
-24.6700, 17.5860

■ 60.5570, -25.9530,
13.3030

■ 189.2030,
-24.7160, 18.4200

■ 36.7090, -29.4370,
10.3630

■ 214.8090,
-17.9750, 11.8890

■ 17.7480, -25.1730,
10.1790

■ 239.6170, -8.9870,
3.1810

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,

0.0000

■ 109.6220,
-24.5780, 15.9180

■ 109.6220,
-24.5780, 15.9180

■ 96.6200, -30.2640,
19.8480

■ 122.6240,
-18.8920, 11.9880

■ 83.3190, -36.5460,
23.5660

■ 135.9250,
-12.6100, 8.2700

■ 70.3170, -42.2320,
27.4960

■ 148.9270, -6.9240,
4.3400

■ 57.0160, -48.5140,
31.2140

■ 162.2280, -0.6420,
0.6220

■ 44.0140, -54.2000,
35.1440

■ 175.2300, 5.0440,
-3.3080

■ 32.7840, -59.2440,
38.4520

■ 188.2320, 10.7300,
-7.2380

■ 201.5330, 17.0120,
-10.9560

■ 214.5350, 22.6980,
-14.8860

■ 227.8360, 28.9800,
-18.6040

Harmonies

Analogous

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



96.8830, -65.5180, -2.0460



109.6220, -24.5780, 15.9180



112.8880, 7.1480, 24.6520

Triad

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



109.6220, -24.5780, 15.9180



109.4600, 45.6190, 4.7470



91.7340, -50.0620, -28.8620

Complementary

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



109.6220, -24.5780, 15.9180



150.3780, 24.5780, -15.9180

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.



100.9590, -11.0910, -24.7790



109.6220, -24.5780, 15.9180



107.6400, 35.7640, -9.3880

Square

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



109.6220, -24.5780, 15.9180



110.5930, 44.2870, 17.8790



105.5510, 16.6010, -20.0310



87.3800, -75.1880, -25.0440

Rectangle

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



109.6220, -24.5780, 15.9180



112.9240, 24.6620, 26.6300



105.5510, 16.6010, -20.0310



96.2860, -34.0610, -26.9970

Sweetspot

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



109.6220, -24.5780, 15.9180



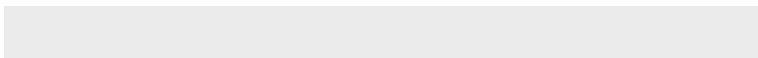
193.3120, -9.4460, 5.9940



142.5280, -37.3180, -17.5260



94.8840, -5.3650, 3.6190



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



109.6220, -24.5780, 15.9180



128.5900, -38.7470, 24.9090



110.9280, -7.5240, 26.2360



75.2000, -3.4390, 1.7530



28.8570, -52.3200, 34.1120



3.8130, -6.6030, 4.0290

Inverse Universe

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



117.4720, 37.3180, 17.5260



140.8170, 58.6360, 27.6600



149.0720, 7.5240, -26.2360



75.9190, 4.7220, 2.5300



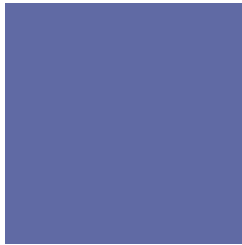
45.7490, 79.6790, 37.2710



5.7240, 9.7650, 4.7490

Previews

White Background



This preview shows how the YIQ color 109.6220, -24.5780, 15.9180 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 109.6220, -24.5780, 15.9180 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 109.6220, -24.5780, 15.9180

Background



This preview shows how black text looks on a background with the YIQ color 109.6220, -24.5780, 15.9180.



This preview shows how white text looks on a background with the YIQ color 109.6220, -24.5780,

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

109.6220, -24.5780, 15.9180

Protanopia

108.8170, -29.6210, 13.6990

Deuteranopia

107.9800, -31.6380, 11.7060



Tritanopia

106.6540, -19.5770, -3.1370

Trichromacy



Original Color

109.6220, -24.5780, 15.9180

Protanomaly

109.1270, -27.5580, 14.8580

Deuteranomaly

108.5890, -28.9790, 13.0770

Tritanomaly

107.7990, -21.1830, 3.9450

Monochromacy



Original Color

109.6220, -24.5780, 15.9180

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1980, -9.1250, 5.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6220, -24.5780, 15.9180 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(96, 106, 164)` looks like.

```
.text, #text, p{  
    color:rgb(96, 106, 164)  
}
```

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(96, 106, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 106, 164) }
```

Border

The CSS property to change the border of an element to YIQ 109.6220, -24.5780, 15.9180 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(96, 106, 164) }
```


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

```
.border{ border-color:rgb(96, 106, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 106, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 106, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 106, 164);  
box-shadow:4px 4px 4px 4px rgb(96, 106,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6220, -24.5780, 15.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 106, 164) }
```

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

```
.background{ background-color: rgb(96, 106,  
164) }
```

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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