

Converting Colors

YIQ(105.5180, -13.0220, 4.7220)

Have a look what the booklet for
YIQ(105.5180, -13.0220, 4.7220)
contains.

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Color

**YIQ(105.5180, -13.0220,
4.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	606A80
RGB	96, 106, 128
RGB Percent	38%, 42%, 50%
CMY	0.6235, 0.5843, 0.4981
CMYK	0.25, 0.17, 0.00, 0.50
HSL	221°, 14%, 44%
HSV	221°, 25%, 50%
XYZ	13.8732, 14.3537, 22.4554
YIQ	105.5180, -13.0220, 4.7220

Conversions

Conversions Part 2

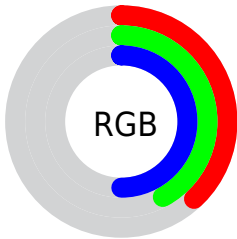
Format	Color
R_{YB}	96, 104, 128
Decimal	6318720
CIE Lab	44.74, 1.47, -13.45
CIE LCh	45, 13.526, 276.222
Yxy	14.3537, 0.2737, 0.2832
Android (android.graphics.Color)	4284508800 (0xFF606A80)
YUV	105.5180, 11.0836, -8.3473
Hunter-Lab	37.8862, -0.9376, -8.6211

Details

The YIQ color **105.5180, -13.0220, 4.7220** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.4820, 13.0220, -4.7220**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7460, -13.6640, 5.3440**, and **58.2900, -12.3800, 4.1000** is the 20% darker color. If you saturate the color by 10%, you get **96.3480, -18.2950, 6.6730**, and if you desaturate by 10%, it is **114.6880, -7.7490, 2.7710**.

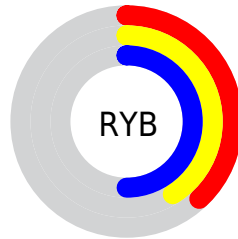
Distribution



Red (38%)

Green (42%)

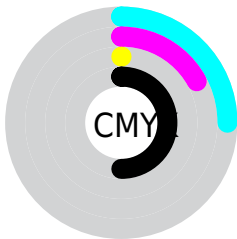
Blue (50%)



Red (38%)

Yellow (41%)

Blue (50%)

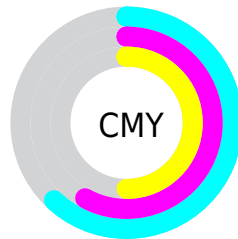


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.5180, -13.0220, 4.7220 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 105.5180, -13.0220, 4.7220 by changing the saturation by 10% instead.

■ 105.5180,
-13.0220, 4.7220

■ 105.5180,
-13.0220, 4.7220

■ 255.0000, -0.0000,
-0.0000

■ 81.4040, -12.7010,
4.4110

■ 156.7460,
-13.6640, 5.3440

■ 58.2900, -12.3800,
4.1000

■ 183.7460,
-13.6640, 5.3440

■ 36.1760, -12.0590,
3.7890

■ 211.5610,
-14.5810, 5.4430

■ 14.4640, -12.9300,
3.0540

■ 238.7200,
-10.7750, 2.5450

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 105.5180,
-13.0220, 4.7220

■ 105.5180,
-13.0220, 4.7220

■ 96.3480, -18.2950,
6.6730

■ 114.6880, -7.7490,
2.7710

■ 87.1780, -23.5680,
8.6240

■ 123.8580, -2.4760,
0.8200

■ 78.8940, -28.5200,
10.2640

■ 132.1420, 2.4760,
-0.8200

■ 69.7240, -33.7930,
12.2150

■ 141.3120, 7.7490,
-2.7710

■ 60.5540, -39.0660,
14.1660

■ 150.4820, 13.0220,
-4.7220

■ 51.3840, -44.3390,
16.1170

■ 159.6520, 18.2950,
-6.6730

■ 42.2140, -49.6120,
18.0680

■ 168.8220, 23.5680,
-8.6240

■ 38.0720, -52.0880,

■ 177.1060, 28.5200,

18.8880

-10.2640

■ 186.2760, 33.7930,
-12.2150

Harmonies

Analogous

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



103.1640, -20.9530, -0.2250



105.5180, -13.0220, 4.7220



107.1990, -1.6980, 8.7500

Triad

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



105.5180, -13.0220, 4.7220



106.9870, 19.2100, 4.2820



102.1140, -9.4890, -9.7530

Complementary

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



105.5180, -13.0220, 4.7220



118.4820, 13.0220, -4.7220

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.



103.8010, 1.6980, -8.7500



105.5180, -13.0220, 4.7220



106.1560, 17.0560, -0.7360

Square

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



105.5180, -13.0220, 4.7220



107.9530, 16.5500, 8.4380



105.1720, 10.9590, -5.8810



101.3780, -18.9800, -8.4520

Rectangle

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



105.5180, -13.0220, 4.7220



107.7330, 5.5460, 9.6260



105.1720, 10.9590, -5.8810



102.9680, -6.1420, -9.8380

Sweetspot

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



105.5180, -13.0220, 4.7220



157.7160, -4.9520, 1.6400



117.2920, -15.8620, -9.8940



79.5590, -3.0720, 0.6080



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



105.5180, -13.0220, 4.7220



131.0920, -20.4500, 7.1820



101.4420, -6.6960, 11.2240



58.9720, -2.7970, 1.1310



38.0720, -52.0880, 18.8880



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.7080, 15.8620, 9.8940



132.7740, 24.6640, 15.5760



122.5580, 6.6960, -11.2240



59.3210, 3.5300, 2.1060



42.8320, 63.4480, 39.5760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 105.5180, -13.0220, 4.7220 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 105.5180, -13.0220, 4.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

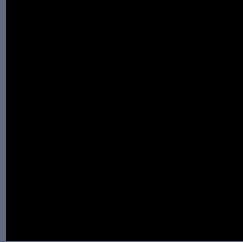
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

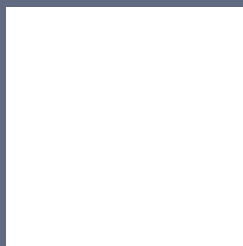
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 105.5180, -13.0220, 4.7220

Background



This preview shows how black text looks on a background with the YIQ color 105.5180, -13.0220, 4.7220.

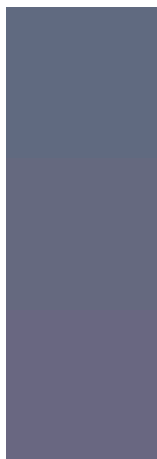


This preview shows how white text looks on a background with the YIQ color 105.5180, -13.0220,

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

105.5180, -13.0220, 4.7220

Protanopia

106.3120, -9.4460, 5.9940

Deuteranopia

106.5620, -7.1540, 8.5100



Tritanopia

104.8400, -11.2330, -0.1690

Trichromacy



Original Color

105.5180, -13.0220, 4.7220

Protanomaly

105.7140, -10.6380, 5.5700

Deuteranomaly

106.2520, -9.2170, 7.3510

Tritanomaly

105.0080, -11.6460, 1.8100

Monochromacy



Original Color

105.5180, -13.0220, 4.7220

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

105.7160, -4.9520, 1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.5180, -13.0220, 4.7220 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(96, 106, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 106, 128) }
```

Border

The CSS property to change the border of an element to YIQ 105.5180, -13.0220, 4.7220 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, 128) }
```


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

```
.border{ border-color:rgb(96, 106, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 106, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 106, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 106,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 105.5180, -13.0220, 4.7220 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, 128) }
```

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

```
.background{ background-color: rgb(96, 106,  
128) }
```

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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