

Converting Colors

YIQ(106.0240, -16.6020,
25.5580)

Have a look what the booklet for
YIQ(106.0240, -16.6020, 25.5580)
contains.

YIQ(106.0240, -16.6020, 25.5580)	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(106.0240, -16.6020,
25.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5EA8
RGB	106, 94, 168
RGB Percent	42%, 37%, 66%
CMY	0.5842, 0.6314, 0.3413
CMYK	0.37, 0.44, 0.00, 0.34
HSL	250°, 30%, 51%
HSV	250°, 44%, 66%
XYZ	17.0133, 13.8959, 38.8159
YIQ	106.0240, -16.6020, 25.5580

Conversions

Conversions Part 2

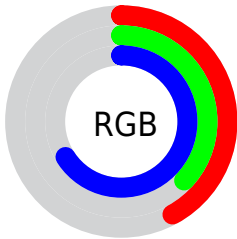
Format	Color
R _Y B	106, 94, 168
Decimal	6971048
CIE Lab	44.08, 22.81, -38.22
CIE LCh	44, 44.508, 300.826
Yxy	13.8959, 0.2440, 0.1993
Android (android.graphics.Color)	4285161128 (0xFF6A5EA8)
YUV	106.0240, 30.5542, -0.0210
Hunter-Lab	37.2772, 16.2326, -35.6434

Details

The YIQ color $106.0240, -16.6020, 25.5580$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $155.9760, 16.6020, -25.5580$, and the grayscale version is $106.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $158.4910, -16.4190, 27.7490$, and $57.4320, -17.9310, 22.1090$ is the 20% darker color. If you saturate the color by 10%, you get $91.8590, -20.2710, 31.4810$, and if you desaturate by 10%, it is $120.1890, -12.9330, 19.6350$.

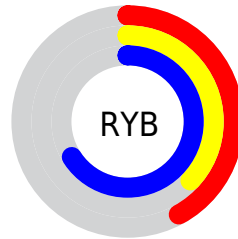
Distribution



Red (42%)

Green (37%)

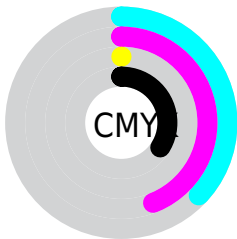
Blue (66%)



Red (42%)

Yellow (37%)

Blue (66%)

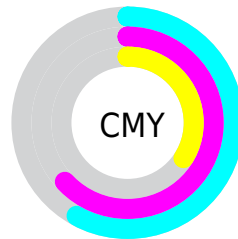


Cyan (37%)

Magenta (44%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (63%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.0240, -16.6020, 25.5580 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 106.0240, -16.6020, 25.5580 by changing the saturation by 10% instead.

■ 106.0240,
-16.6020, 25.5580

■ 106.0240,
-16.6020, 25.5580

■ 255.0000, -0.0000,
-0.0000

■ 81.0840, -16.8310,
24.2010

■ 158.4910,
-16.4190, 27.7490

■ 57.4320, -17.9310,
22.1090

■ 185.3170,
-15.8690, 28.7950

■ 34.1820, -20.2230,
19.5930

■ 209.8800, -7.5690,
21.5430

■ 9.2850, -22.0110,
18.9570

■ 234.9870, 2.0150,
13.0470

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,

0.0000

■ 106.0240,
-16.6020, 25.5580

■ 106.0240,
-16.6020, 25.5580

■ 91.8590, -20.2710,
31.4810

■ 120.1890,
-12.9330, 19.6350

■ 77.6940, -23.9400,
37.4040

■ 134.3540, -9.2640,
13.7120

■ 64.1160, -27.8840,
42.8040

■ 147.9320, -5.3200,
8.3120

■ 49.9510, -31.5530,
48.7270

■ 162.0970, -1.6510,
2.3890

■ 35.7860, -35.2220,
54.6500

■ 176.2620, 2.0180,
-3.5340

■ 27.2250, -37.8360,
57.9720

■ 190.4270, 5.6870,
-9.4570

■ 204.5920, 9.3560,
-15.3800

■ 218.4690, 13.8960,
-20.5680

■ 232.6340, 17.5650,
-26.4910

Harmonies

Analogous

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



83.6880, -86.8380, -1.1260



106.0240, -16.6020, 25.5580



106.7100, 22.6890, 34.8570

Triad

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



106.0240, -16.6020, 25.5580



102.1370, 53.5980, -2.1940



83.4700, -66.9340, -31.4620

Complementary

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



106.0240, -16.6020, 25.5580



155.9760, 16.6020, -25.5580

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.



85.7490, -37.2230, -35.7750



106.0240, -16.6020, 25.5580



99.8600, 37.6000, -20.6400

Square

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



106.0240, -16.6020, 25.5580



102.3080, 58.2710, 17.7510



96.1490, 8.6250, -29.6710



87.1010, -78.5360, -19.4320

Rectangle

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



106.0240, -16.6020, 25.5580



104.6490, 41.8540, 34.4460



96.1490, 8.6250, -29.6710



81.4010, -62.4860, -34.9820

Sweetspot

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



106.0240, -16.6020, 25.5580



195.3880, -6.6040, 9.5560



139.4170, -41.0790, -9.9350



94.9490, -3.9900, 6.2340



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



106.0240, -16.6020, 25.5580



121.9050, -25.9120, 40.1040



116.7880, 4.8540, 33.1900



77.2110, -1.9720, 2.7000



24.0480, -33.2040, 51.1160



3.1770, -4.6320, 6.8560

Inverse Universe

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



123.1940, 24.2020, 34.9700



148.7420, 37.9990, 54.7590



145.2120, -4.8540, -33.1900



79.1900, 2.5210, 3.8730



58.3880, 48.4040, 69.9400



7.9180, 6.4630, 9.5270

Previews

White Background



This preview shows how the YIQ color 106.0240, -16.6020, 25.5580 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 106.0240, -16.6020, 25.5580 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 106.0240, -16.6020, 25.5580

Background



This preview shows how black text looks on a background with the YIQ color 106.0240, -16.6020, 25.5580.



This preview shows how white text looks on a background with the YIQ color 106.0240, -16.6020,

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

106.0240, -16.6020, 25.5580

Protanopia

101.6510, -40.7170, 16.5550

Deuteranopia

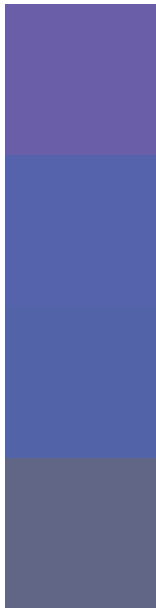
100.6030, -40.7620, 11.8620



Tritanopia

103.3240, -9.7200, -0.0560

Trichromacy



Original Color

106.0240, -16.6020, 25.5580

Protanomaly

103.1360, -31.7770, 19.7350

Deuteranomaly

102.2560, -32.2350, 17.0210

Tritanomaly

104.4520, -12.6560, 9.1040

Monochromacy



Original Color

106.0240, -16.6020, 25.5580

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2740, -6.2830, 9.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.0240, -16.6020, 25.5580 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(106, 94, 168)` looks like.

```
.text, #text, p{  
    color:rgb(106, 94, 168)  
}
```

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(106, 94, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 94, 168) }
```

Border

The CSS property to change the border of an element to YIQ 106.0240, -16.6020, 25.5580 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(106, 94, 168) }
```


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

```
.border{ border-color:rgb(106, 94, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 94, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 94, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 94, 168);  
box-shadow:4px 4px 4px 4px rgb(106, 94,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 106.0240, -16.6020, 25.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 94, 168) }
```

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

```
.background{ background-color: rgb(106, 94,  
168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor