

Converting Colors

YIQ(103.4260, -17.7940,
25.1340)

Have a look what the booklet for
YIQ(103.4260, -17.7940, 25.1340)
contains.

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Color

**YIQ(103.4260, -17.7940,
25.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	665CA6
RGB	102, 92, 166
RGB Percent	40%, 36%, 65%
CMY	0.5999, 0.6392, 0.3491
CMYK	0.39, 0.45, 0.00, 0.35
HSL	248°, 29%, 51%
HSV	248°, 45%, 65%
XYZ	16.1882, 13.2314, 37.7614
YIQ	103.4260, -17.7940, 25.1340

Conversions

Conversions Part 2

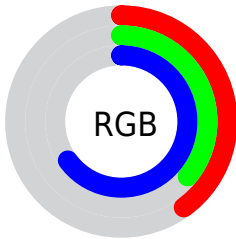
Format	Color
R _Y B	102, 92, 166
Decimal	6708390
CIE Lab	43.11, 22.37, -38.60
CIE LCh	43, 44.617, 300.094
Yxy	13.2314, 0.2410, 0.1970
Android (android.graphics.Color)	4284898470 (0xFF665CA6)
YUV	103.4260, 30.8490, -1.2506
Hunter-Lab	36.3750, 15.7830, -36.0873

Details

The YIQ color $103.4260, -17.7940, 25.1340$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $154.5740, 17.7940, -25.1340$, and the grayscale version is $103.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $155.3060, -17.3360, 27.8480$, and $54.9480, -19.4440, 21.9960$ is the 20% darker color. If you saturate the color by 10%, you get $89.2610, -21.4630, 31.0570$, and if you desaturate by 10%, it is $117.5910, -14.1250, 19.2110$.

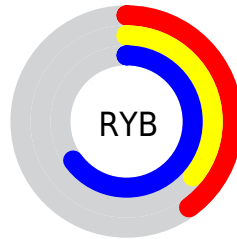
Distribution



Red (40%)

Green (36%)

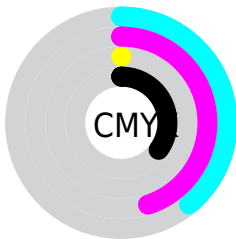
Blue (65%)



Red (40%)

Yellow (36%)

Blue (65%)

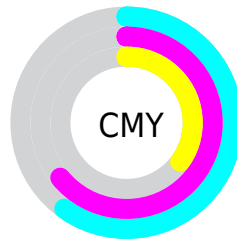


Cyan (39%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.4260, -17.7940, 25.1340 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 103.4260, -17.7940, 25.1340 by changing the saturation by 10% instead.

■ 103.4260,
-17.7940, 25.1340

■ 103.4260,
-17.7940, 25.1340

■ 255.0000, -0.0000,
-0.0000

■ 78.4860, -18.0230,
23.7770

■ 155.1920,
-17.0150, 27.5370

■ 54.8340, -19.1230,
21.6850

■ 182.4200,
-17.6570, 28.1590

■ 31.3990, -22.3320,
19.2680

■ 207.5100, -9.4030,
21.7410

■ 7.4100, -20.8650,
20.2150

■ 232.6170, 0.1810,
13.2450

■ 6.5490, -14.3070,
11.4930

■ 253.8260, 0.5500,
1.0460

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 103.4260,
-17.7940, 25.1340

■ 103.4260,
-17.7940, 25.1340

■ 89.2610, -21.4630,
31.0570

■ 117.5910,
-14.1250, 19.2110

■ 75.3840, -26.0030,
36.2450

■ 131.4680, -9.5850,
14.0230

■ 61.2190, -29.6720,
42.1680

■ 145.6330, -5.9160,
8.1000

■ 47.6410, -33.6160,
47.5680

■ 159.2110, -1.9720,
2.7000

■ 33.1770, -37.8810,
53.2790

■ 173.6750, 2.2930,
-3.0110

■ 25.5020, -40.1740,
56.2900

■ 187.8400, 5.9620,
-8.9340

■ 201.4180, 9.9060,
-14.3340

■ 215.8820, 14.1710,
-20.0450

■ 229.4600, 18.1150,
-25.4450

Harmonies

Analogous

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



82.2860, -85.6460, -0.7020



103.4260, -17.7940, 25.1340



104.1120, 21.4970, 34.4330

Triad

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



103.4260, -17.7940, 25.1340



99.5500, 53.8730, -1.6710



81.3670, -65.1460, -30.8260

Complementary

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



103.4260, -17.7940, 25.1340



154.5740, 17.7940, -25.1340

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.



83.9340, -36.3060, -35.8740



103.4260, -17.7940, 25.1340



97.1590, 38.1960, -20.4280

Square

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



103.4260, -17.7940, 25.1340



99.8350, 58.2250, 18.5850



93.4480, 9.2210, -29.4590



85.5850, -77.0230, -19.3190

Rectangle

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



103.4260, -17.7940, 25.1340



102.4640, 40.9370, 34.5450



93.4480, 9.2210, -29.4590



79.8850, -60.9730, -34.8690

Sweetspot

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



103.4260, -17.7940, 25.1340



193.0890, -7.2000, 9.3440



138.0040, -41.3540, -10.4580



94.6500, -4.5860, 6.0220



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.



103.4260, -17.7940, 25.1340



119.5950, -27.9750, 38.9450



114.4890, 4.2580, 32.9780



77.2110, -1.9720, 2.7000



22.8520, -35.5880, 50.2680



3.1770, -4.6320, 6.8560

Inverse Universe

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



121.4220, 23.5600, 35.5920



147.6710, 36.7610, 55.1690



143.5110, -4.2580, -32.9780



79.1900, 2.5210, 3.8730



58.8440, 47.1200, 71.1840



8.0320, 6.1420, 9.8380

Previews

White Background



This preview shows how the YIQ color 103.4260, -17.7940, 25.1340 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 103.4260, -17.7940, 25.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

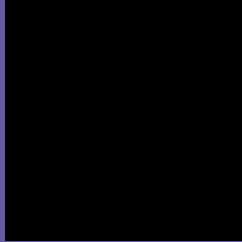
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.4260, -17.7940, 25.1340

Background



This preview shows how black text looks on a background with the YIQ color 103.4260, -17.7940, 25.1340.



This preview shows how white text looks on a background with the YIQ color 103.4260, -17.7940,

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

103.4260, -17.7940, 25.1340

Protanopia

98.7650, -41.0380, 16.8660

Deuteranopia

98.0050, -41.9540, 11.4380



Tritanopia

100.7260, -10.9120, -0.4800

Trichromacy



Original Color

103.4260, -17.7940, 25.1340

Protanomaly

100.2500, -32.0980, 20.0460

Deuteranomaly

99.6580, -33.4270, 16.5970

Tritanomaly

101.8540, -13.8480, 8.6800

Monochromacy



Original Color

103.4260, -17.7940, 25.1340

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.2740, -6.2830, 9.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.4260, -17.7940, 25.1340 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(102, 92, 166)` looks like.

```
.text, #text, p{  
    color:rgb(102, 92, 166)  
}
```

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(102, 92, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 92, 166) }
```

Border

The CSS property to change the border of an element to YIQ 103.4260, -17.7940, 25.1340 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(102, 92, 166) }
```


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

```
.border{ border-color:rgb(102, 92, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 92, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 92, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 92, 166);  
box-shadow:4px 4px 4px 4px rgb(102, 92,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 103.4260, -17.7940, 25.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 92, 166) }
```

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

```
.background{ background-color: rgb(102, 92,  
166) }
```

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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