

Converting Colors

YIQ(132.7750, -20.6350,
16.0450)

Have a look what the booklet for
YIQ(132.7750, -20.6350, 16.0450)
contains.

YIQ(132.7750, -20.6350, 16.0450)	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(132.7750, -20.6350,
16.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	7B80B7
RGB	123, 128, 183
RGB Percent	48%, 50%, 72%
CMY	0.5176, 0.4980, 0.2825
CMYK	0.33, 0.30, 0.00, 0.28
HSL	235°, 29%, 60%
HSV	235°, 33%, 72%
XYZ	24.4326, 23.0679, 47.9472
YIQ	132.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

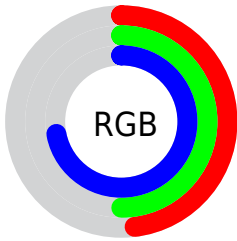
Format	Color
R_{YB}	123, 128, 183
Decimal	8093879
CIE _{Lab}	55.14, 11.27, -29.50
CIE _{LCh}	55, 31.579, 290.908
Yxy	23.0679, 0.2560, 0.2417
Android (android.graphics.Color)	4286283959 (0xFF7B80B7)
YUV	132.7750, 24.7609, -8.5727
Hunter-Lab	48.0290, 6.7530, -25.5687

Details

The YIQ color $132.7750, -20.6350, 16.0450$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $173.2250, 20.6350, -16.0450$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.4160, -21.0020, 17.1900$, and $82.7210, -20.5430, 14.3770$ is the 20% darker color. If you saturate the color by 10%, you get $117.4140, -26.6880, 21.1200$, and if you desaturate by 10%, it is $148.1360, -14.5820, 10.9700$.

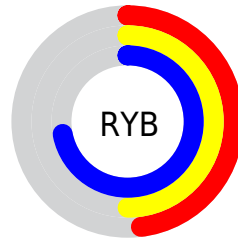
Distribution



Red (48%)

Green (50%)

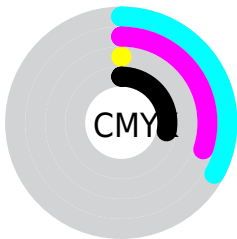
Blue (72%)



Red (48%)

Yellow (50%)

Blue (72%)

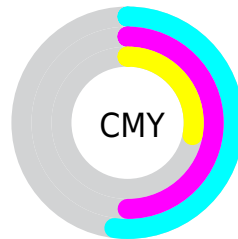


Cyan (33%)

Magenta (30%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (50%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7750, -20.6350, 16.0450 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 132.7750, -20.6350, 16.0450 by changing the saturation by 10% instead.

■ 132.7750,
-20.6350, 16.0450

■ 132.7750,
-20.6350, 16.0450

■ 255.0000, -0.0000,
-0.0000

■ 107.2480,
-20.5890, 15.2110

■ 186.4160,
-21.0020, 17.1900

■ 82.7210, -20.5430,
14.3770

■ 212.4610,
-16.8750, 13.9810

■ 58.7810, -20.7720,
13.0200

■ 237.5680, -7.2910,
5.4850

■ 35.6450, -23.3850,
10.8150

■ 14.7160, -22.1470,
10.4050

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 132.7750,
-20.6350, 16.0450

■ 132.7750,
-20.6350, 16.0450

■ 117.4140,
-26.6880, 21.1200

■ 148.1360,
-14.5820, 10.9700

■ 101.7540,
-33.3370, 25.9830

■ 163.7960, -7.9330,
6.1070

■ 86.9800, -39.6650,
30.5350

■ 178.5700, -1.6050,
1.5550

■ 71.6190, -45.7180,
35.6100

■ 193.9310, 4.4480,
-3.5200

■ 56.2580, -51.7710,
40.6850

■ 209.2920, 10.5010,
-8.5950

■ 40.5980, -58.4200,
45.5480

■ 224.9520, 17.1500,
-13.4580

■ 29.6670, -62.8680,
49.0680

■ 239.7260, 23.4780,
-18.0100

■ 246.7920, 23.1120,
-22.3920

Harmonies

Analogous

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



124.6460, -51.4890, 2.5190



132.7750, -20.6350, 16.0450



135.5460, 8.1110, 23.7190

Triad

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



132.7750, -20.6350, 16.0450



132.5630, 43.8310, 4.1110



118.4470, -41.7640, -25.0600

Complementary

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



132.7750, -20.6350, 16.0450



173.2250, 20.6350, -16.0450

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.



124.6000, -11.4580, -23.6340



132.7750, -20.6350, 16.0450



130.9710, 33.3340, -9.4020

Square

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



132.7750, -20.6350, 16.0450



134.0550, 42.8660, 16.0980



128.1210, 14.9960, -18.4760



108.8960, -76.7010, -25.1570

Rectangle

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



132.7750, -20.6350, 16.0450



135.5710, 24.1580, 24.7500



128.1210, 14.9960, -18.4760



120.7210, -30.8520, -24.5800

Sweetspot

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



132.7750, -20.6350, 16.0450



216.9100, -8.2540, 6.4180



164.4900, -34.1550, -14.2750



107.8840, -5.3650, 3.6190



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



132.7750, -20.6350, 16.0450



159.5970, -31.4570, 24.9510



137.3150, -4.3600, 23.9600



84.0260, -2.8890, 2.7990



25.4150, -53.6510, 41.7170



4.3660, -9.5380, 7.6620

Inverse Universe

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



141.5100, 34.1550, 14.2750



173.3060, 52.5850, 21.6810



168.6850, 4.3600, -23.9600



85.6910, 5.3640, 1.9080



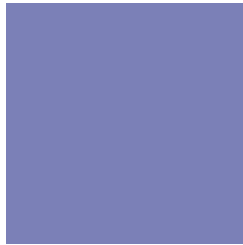
48.1260, 88.8030, 37.1150



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 132.7750, -20.6350, 16.0450 looks on a white background.

Color Contrast Check

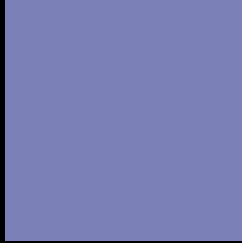
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 132.7750, -20.6350, 16.0450 looks on a black 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

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

YIQ 132.7750, -20.6350, 16.0450

Background



This preview shows how black text looks on a background with the YIQ color 132.7750, -20.6350, 16.0450.



This preview shows how white text looks on a background with the YIQ color 132.7750, -20.6350,

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

132.7750, -20.6350, 16.0450

Protanopia

131.7850, -26.5950, 13.9250

Deuteranopia

131.4430, -25.6320, 12.9920



Tritanopia

130.2740, -15.4510, -0.8190

Trichromacy



Original Color

132.7750, -20.6350, 16.0450

Protanomaly

131.9810, -24.2110, 14.7730

Deuteranomaly

131.7530, -23.5690, 14.1510

Tritanomaly

130.8920, -17.0110, 5.4290

Monochromacy



Original Color

132.7750, -20.6350, 16.0450

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6820, -7.6120, 5.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7750, -20.6350, 16.0450 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(123, 128, 183)` looks like.

```
.text, #text, p{  
    color:rgb(123, 128, 183)  
}
```

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(123, 128, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 128, 183) }
```

Border

The CSS property to change the border of an element to YIQ 132.7750, -20.6350, 16.0450 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(123, 128, 183) }
```


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

```
.border{ border-color:rgb(123, 128, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 128, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 128, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 128, 183); box-shadow:4px 4px 4px 4px rgb(123, 128, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7750, -20.6350, 16.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 128, 183) }
```

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

```
.background{ background-color: rgb(123,  
128, 183) }
```

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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