

Converting Colors

YIQ(202.7540, -8.1150, -1.6110)

Have a look what the booklet for
YIQ(202.7540, -8.1150, -1.6110)
contains.

YIQ(202.7540, -8.1150, -1.6110)	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(202.7540, -8.1150,
-1.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CED1
RGB	194, 206, 209
RGB Percent	76%, 81%, 82%
CMY	0.2392, 0.1921, 0.1804
CMYK	0.07, 0.01, 0.00, 0.18
HSL	192°, 14%, 79%
HSV	192°, 7%, 82%
XYZ	55.8264, 60.2165, 68.9965
YIQ	202.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

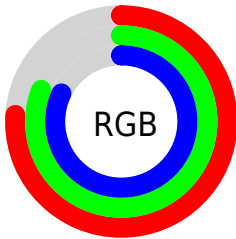
Format	Color
RYB	194, 201, 209
Decimal	12766929
CIELab	81.96, -3.49, -2.90
CIElCh	82, 4.535, 219.686
Yxy	60.2165, 0.3017, 0.3254
Android (android.graphics.Color)	4290957009 (0xFFC2CED1)
YUV	202.7540, 3.0793, -7.6773
Hunter-Lab	77.5993, -7.3824, 1.6025

Details

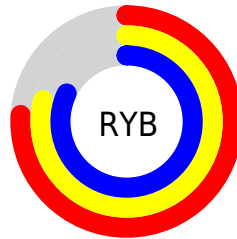
The YIQ color $202.7540, -8.1150, -1.6110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.2460, 8.1150, 1.6110$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $148.7540, -8.1150, -1.6110$ is the 20% darker color. If you saturate the color by 10%, you get $194.1270, -19.5310, -3.9710$, and if you desaturate by 10%, it is $211.3810, 3.3010, 0.7490$.

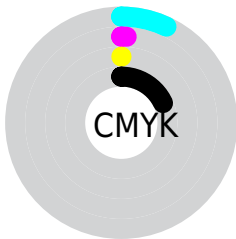
Distribution



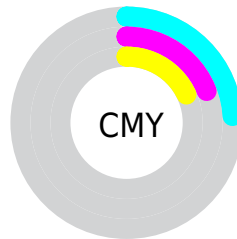
- Red (76%)
- Green (81%)
- Blue (82%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7540, -8.1150, -1.6110 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 202.7540, -8.1150, -1.6110 by changing the saturation by 10% instead.

■ 202.7540, -8.1150,
-1.6110

■ 202.7540, -8.1150,
-1.6110

255.0000, -0.0000,
-0.0000

■ 175.6400, -7.7940,
-1.9220

■ 253.8040, -2.3840,
-0.8480

■ 148.7540, -8.1150,
-1.6110

■ 123.0530, -7.5190,
-1.3990

■ 98.0530, -7.5190,
-1.3990

■ 74.3520, -6.9230,
-1.1870

■ 51.3520, -6.9230,
-1.1870

■ 30.5370, -6.0060,

-1.2860

■ 7.4660, -7.2440,
-0.8760

■ 0.0000, 0.0000,
0.0000

■ 202.7540, -8.1150,
-1.6110

■ 202.7540, -8.1150,
-1.6110

■ 194.1270,
-19.5310, -3.9710

■ 211.3810, 3.3010,
0.7490

■ 185.5000,
-30.9470, -6.3310

■ 220.0080, 14.7170,
3.1090

■ 176.8730,
-42.3630, -8.6910

■ 228.0370, 24.9410,
5.0450

■ 167.6590,
-53.5040, -10.5280

■ 230.9720, 23.5660,
2.4300

■ 159.0320,
-64.9200, -12.8880

■ 233.3200, 22.4660,
0.3380

■ 150.7040,
-75.7400, -15.0360

■ 235.6680, 21.3660,
-1.7540

■ 142.0770,
-87.1560, -17.3960

■ 238.0160, 20.2660,
-3.8460

■ 133.4500,
-98.5720, -19.7560

■ 240.3640, 19.1660,
-5.9380

■ 124.8230,
-109.9880, -22.1160

■ 242.7120, 18.0660,
-8.0300

Harmonies

Analogous

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



202.2980, -6.8310, -2.8550



202.7540, -8.1150, -1.6110



203.4060, -7.0150, 0.4810

Triad

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



202.7540, -8.1150, -1.6110



204.6740, 4.0340, 3.9860



203.5720, 4.0810, -2.3750

Complementary

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



202.7540, -8.1150, -1.6110



200.2460, 8.1150, 1.6110

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.



204.2950, 6.4190, -0.6930



202.7540, -8.1150, -1.6110



204.7020, 6.8310, 2.8550

Square

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



202.7540, -8.1150, -1.6110



204.1080, -0.1840, 3.3360



204.2460, 8.1150, 1.6110



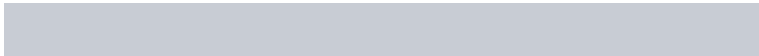
202.8920, 0.1840, -3.3360

Rectangle

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



202.7540, -8.1150, -1.6110



203.7160, -4.9520, 1.6400



204.2460, 8.1150, 1.6110



203.5830, 5.5480, -1.4280

Sweetspot

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



202.7540, -8.1150, -1.6110



252.9180, -2.7050, -0.5370



203.1470, -5.0880, -6.9120



126.5160, -1.5130, -0.1130



0.0000, 0.0000, 0.0000



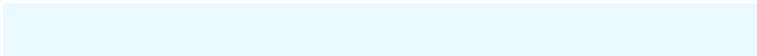
128.0000, -0.0000, -0.0000

Same Dimension

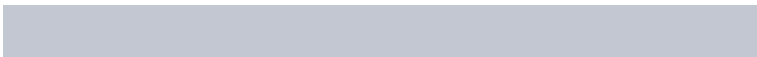
The Same Dimension uses a secret algorithm to generate beautiful new colors.



202.7540, -8.1150, -1.6110



245.1880, -12.3330, -2.2610



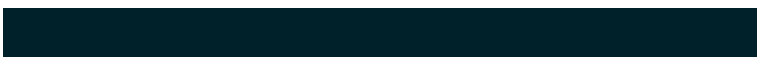
198.6450, -6.1900, 2.0500



99.9500, -5.7310, -0.7630



98.3970, -91.0530, -18.3570



24.0450, -22.2360, -4.5080

Inverse Universe

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



199.8530, 5.0880, 6.9120



240.9290, 7.9300, 10.4740



204.3550, 6.1900, -2.0500



98.2010, 3.9880, 4.8200



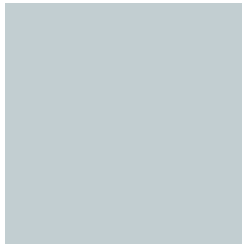
65.6220, 56.7930, 77.6010



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 202.7540, -8.1150, -1.6110 looks on a white background.

Color Contrast Check

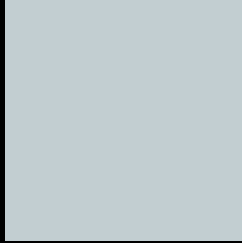
Large Text (above 18pt) WCAG AA × Fail

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 202.7540, -8.1150, -1.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

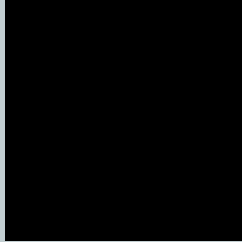
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

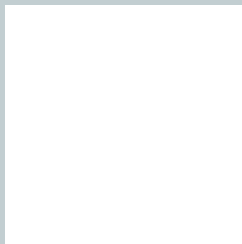
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.7540, -8.1150, -1.6110

Background



This preview shows how black text looks on a background with the YIQ color 202.7540, -8.1150, -1.6110.



This preview shows how white text looks on a background with the YIQ color 202.7540, -8.1150,

-1.6110.

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

202.7540, -8.1150, -1.6110

Protanopia

204.3530, 0.5040, 1.8800

Deuteranopia

205.4730, 9.2140, 9.2300



Tritanopia

203.4320, -9.9040, 3.2800

Trichromacy



Original Color

202.7540, -8.1150, -1.6110

Protanomaly

203.8580, -2.4760, 0.8200

Deuteranomaly

204.4290, 3.3460, 5.4420

Tritanomaly

203.2640, -9.4910, 1.3010

Monochromacy



Original Color

202.7540, -8.1150, -1.6110

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9180, -2.7050, -0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7540, -8.1150, -1.6110 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(194, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 209)  
}
```

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(194, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 209) }
```

Border

The CSS property to change the border of an element to YIQ 202.7540, -8.1150, -1.6110 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(194, 206, 209) }
```


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

```
.border{ border-color:rgb(194, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 206, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 206, 209); box-shadow:4px 4px 4px 4px rgb(194, 206, 209) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7540, -8.1150, -1.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 209) }
```

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

```
.background{ background-color: rgb(194,  
206, 209) }
```

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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