

Converting Colors

YIQ(210.1550, -7.5660, 4.9620)

Have a look what the booklet for
YIQ(210.1550, -7.5660, 4.9620)
contains.

YIQ(210.1550, -7.5660, 4.9620)	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(210.1550, -7.5660,
4.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1E3
RGB	206, 209, 227
RGB Percent	81%, 82%, 89%
CMY	0.1921, 0.1804, 0.1098
CMYK	0.09, 0.08, 0.00, 0.11
HSL	231°, 27%, 85%
HSV	231°, 9%, 89%
XYZ	62.1183, 64.2690, 81.7961
YIQ	210.1550, -7.5660, 4.9620

Conversions

Conversions Part 2

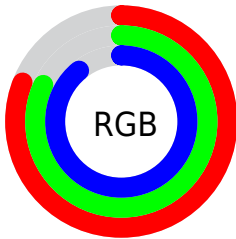
Format	Color
R _Y B	206, 209, 227
Decimal	13554147
CIE Lab	84.11, 2.42, -9.22
CIE LCh	84, 9.527, 284.700
Yxy	64.2690, 0.2984, 0.3087
Android (android.graphics.Color)	4291744227 (0xFFCED1E3)
YUV	210.1550, 8.3046, -3.6439
Hunter-Lab	80.1679, -1.9828, -4.3766

Details

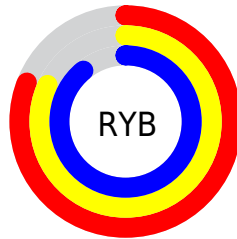
The YIQ color $210.1550, -7.5660, 4.9620$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.8450, 7.5660, -4.9620$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.0410, -7.2450, 4.6510$ is the 20% darker color. If you saturate the color by 10%, you get $192.1250, -16.0490, 10.0230$, and if you desaturate by 10%, it is $228.1850, 0.9170, -0.0990$.

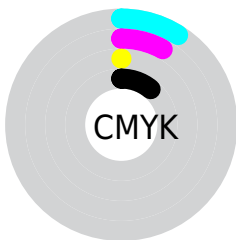
Distribution



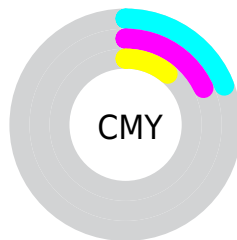
- Red (81%)
- Green (82%)
- Blue (89%)



- Red (81%)
- Yellow (82%)
- Blue (89%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.1550, -7.5660, 4.9620 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 210.1550, -7.5660, 4.9620 by changing the saturation by 10% instead.

■ 210.1550, -7.5660,
4.9620

■ 210.1550, -7.5660,
4.9620

255.0000, -0.0000,
-0.0000

■ 182.1550, -7.5660,
4.9620

■ 156.0410, -7.2450,
4.6510

■ 129.9270, -6.9240,
4.3400

■ 104.8130, -6.6030,
4.0290

■ 80.8130, -6.6030,
4.0290

■ 57.6990, -6.2820,
3.7180

■ 35.6990, -6.2820,

3.7180

■ 14.6990, -6.2820,
3.7180

■ 0.0000, 0.0000,
0.0000

■ 210.1550, -7.5660,
4.9620

■ 210.1550, -7.5660,
4.9620

■ 192.1250,
-16.0490, 10.0230

■ 228.1850, 0.9170,
-0.0990

■ 173.8070,
-23.6610, 15.8190

■ 246.5030, 8.5290,
-5.8950

■ 155.7770,
-32.1440, 20.8800

■ 251.8080, 8.9880,
-8.7080

■ 137.1600,
-40.3520, 26.4640

■ 119.4290,
-48.2390, 31.7370

■ 100.8120,
-56.4470, 37.3210

■ 82.7820, -64.9300,
42.3820

■ 64.1650, -73.1380,
47.9660

■ 46.4340, -81.0250,
53.2390

Harmonies

Analogous

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



208.9260, -14.3510, 1.2730



210.1550, -7.5660, 4.9620



211.2270, 1.0990, 7.6190

Triad

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



210.1550, -7.5660, 4.9620



210.9650, 16.2760, 2.3880



207.2820, -9.9020, -7.7740

Complementary

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



210.1550, -7.5660, 4.9620



222.8450, 7.5660, -4.9620

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.



207.8870, -1.4200, -7.3080



210.1550, -7.5660, 4.9620



210.4760, 13.1590, -1.6970

Square

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



210.1550, -7.5660, 4.9620



211.7030, 14.2580, 5.9220



209.4320, 7.2910, -5.4850



206.8130, -15.7710, -6.0350

Rectangle

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



210.1550, -7.5660, 4.9620



211.8640, 6.5550, 7.8590



209.4320, 7.2910, -5.4850



207.2500, -6.8760, -7.5480

Sweetspot

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



210.1550, -7.5660, 4.9620



248.4990, -2.8430, 1.9650



220.3790, -11.5530, -5.3850



123.2710, -2.2010, 1.3430



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.



210.1550, -7.5660, 4.9620



232.5400, -10.0880, 6.6160



210.4870, -2.5690, 8.0150



105.5420, -4.4020, 2.6860



35.6680, -64.6090, 42.0710



9.9230, -18.2960, 12.2000

Inverse Universe

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



212.6210, 11.5530, 5.3850



235.8280, 15.4040, 7.1800



222.5130, 2.5690, -8.0150



106.8160, 6.5100, 3.1660



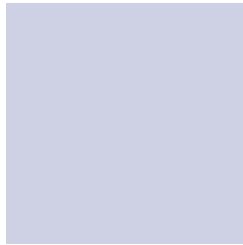
56.4850, 98.3380, 46.0340



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 210.1550, -7.5660, 4.9620 looks on a white background.

Color Contrast Check

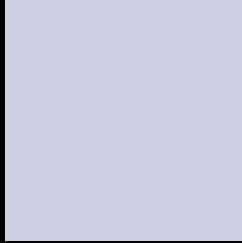
Large Text (above 18pt) WCAG AA × Fail

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 210.1550, -7.5660, 4.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

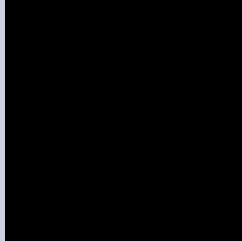
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.1550, -7.5660, 4.9620

Background



This preview shows how black text looks on a background with the YIQ color 210.1550, -7.5660, 4.9620.



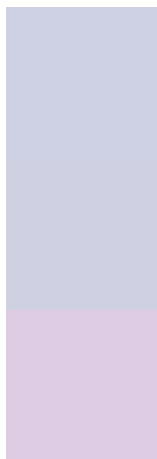
This preview shows how white text looks on a background with the YIQ color 210.1550, -7.5660,

4.9620.

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

210.1550, -7.5660, 4.9620

Protanopia

210.1660, -6.0990, 5.9090

Deuteranopia

212.1180, 3.0240, 11.2800



Tritanopia

210.0410, -7.2450, 4.6510

Trichromacy



Original Color

210.1550, -7.5660, 4.9620

Protanomaly

209.8670, -6.6950, 5.6970

Deuteranomaly

211.4980, -1.1020, 8.9620

Tritanomaly

210.0410, -7.2450, 4.6510

Monochromacy



Original Color

210.1550, -7.5660, 4.9620

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.3850, -2.5220, 1.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.1550, -7.5660, 4.9620 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(206, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 227)  
}
```

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(206, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 227) }
```

Border

The CSS property to change the border of an element to YIQ 210.1550, -7.5660, 4.9620 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(206, 209, 227) }
```


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

```
.border{ border-color:rgb(206, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 210.1550, -7.5660, 4.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 227) }
```

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

```
.background{ background-color: rgb(206,  
209, 227) }
```

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