

Converting Colors

YIQ(207.2200, -6.1910, 7.5770)

Have a look what the booklet for
YIQ(207.2200, -6.1910, 7.5770)
contains.

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Color

**YIQ(207.2200, -6.1910,
7.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCE3
RGB	206, 204, 227
RGB Percent	81%, 80%, 89%
CMY	0.1921, 0.2000, 0.1098
CMYK	0.09, 0.10, 0.00, 0.11
HSL	245°, 29%, 85%
HSV	245°, 10%, 89%
XYZ	60.9113, 61.8533, 81.3937
YIQ	207.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

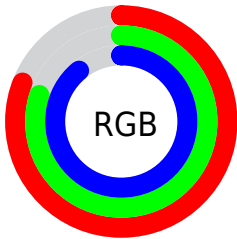
Format	Color
R _Y B	206, 204, 227
Decimal	13552867
CIE Lab	82.84, 5.06, -11.11
CIE LCh	83, 12.207, 294.510
Yxy	61.8533, 0.2984, 0.3030
Android (android.graphics.Color)	4291742947 (0xFFCECCE3)
YUV	207.2200, 9.7515, -1.0699
Hunter-Lab	78.6469, 0.6145, -6.3080

Details

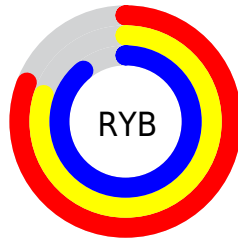
The YIQ color $207.2200, -6.1910, 7.5770$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.7800, 6.1910, -7.5770$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.1060, -5.8700, 7.2660$ is the 20% darker color. If you saturate the color by 10%, you get $187.4400, -12.3820, 15.1540$, and if you desaturate by 10%, it is $227.0000, -0.0000, -0.0000$.

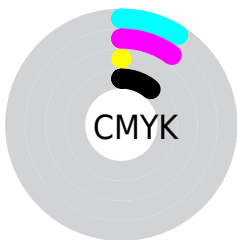
Distribution



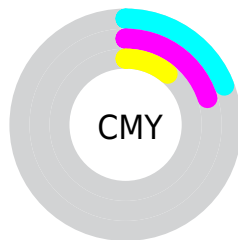
- Red (81%)
- Green (80%)
- Blue (89%)



- Red (81%)
- Yellow (80%)
- Blue (89%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.2200, -6.1910, 7.5770 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 207.2200, -6.1910, 7.5770 by changing the saturation by 10% instead.

■ 207.2200, -6.1910,
7.5770

■ 207.2200, -6.1910,
7.5770

255.0000, -0.0000,
-0.0000

■ 179.8070, -6.4660,
7.0540

■ 153.1060, -5.8700,
7.2660

■ 126.9920, -5.5490,
6.9550

■ 101.8780, -5.2280,
6.6440

■ 77.8780, -5.2280,
6.6440

■ 55.3510, -5.1820,
5.8100

■ 33.9380, -5.4570,

5.2870

■ 10.5900, -4.3570,
7.3790

■ 0.0000, 0.0000,
0.0000

■ 207.2200, -6.1910,
7.5770

■ 207.2200, -6.1910,
7.5770

■ 187.4400,
-12.3820, 15.1540

■ 227.0000, -0.0000,
-0.0000

■ 168.5460,
-18.2520, 22.4200

■ 245.8940, 5.8700,
-7.2660

■ 148.7660,
-24.4430, 29.9970

■ 251.8080, 8.9880,
-8.7080

■ 128.9860,
-30.6340, 37.5740

■ 109.7930,
-37.1000, 44.6280

■ 90.3120, -42.6950,
52.4170

■ 70.5320, -48.8860,
59.9940

■ 50.7520, -55.0770,
67.5710

■ 31.8580, -60.9470,
74.8370

Harmonies

Analogous

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



205.6100, -16.2770, 3.1390



207.2200, -6.1910, 7.5770



208.5480, 4.6290, 9.7250

Triad

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



207.2200, -6.1910, 7.5770



207.2920, 19.6690, 1.4690



202.7050, -15.5870, -9.3710

Complementary

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



207.2200, -6.1910, 7.5770



223.7800, 6.1910, -7.5770

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.



203.2670, -5.5460, -9.6260



207.2200, -6.1910, 7.5770



206.4930, 14.4890, -3.7750

Square

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



207.2200, -6.1910, 7.5770



208.3400, 19.7140, 6.1620



204.4810, 5.5950, -7.7890



202.7630, -21.5020, -6.7980

Rectangle

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



207.2200, -6.1910, 7.5770



208.6690, 11.5980, 10.0780



204.4810, 5.5950, -7.7890



203.1460, -12.5150, -9.9790

Sweetspot

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



207.2200, -6.1910, 7.5770



248.2110, -1.9720, 2.7000



218.9490, -13.1580, -3.8300



122.9830, -1.3300, 2.0780



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.



207.2200, -6.1910, 7.5770



228.4310, -8.1630, 10.2770



210.5090, 0.3650, 9.9090



104.6670, -3.2560, 3.9440



25.1900, -47.9230, 59.0610



7.0100, -13.9870, 16.7090

Inverse Universe

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



213.2710, 6.9670, 11.4070



236.4610, 9.4880, 15.2800



220.4910, -0.3650, -9.9090



107.8420, 3.6210, 5.9650



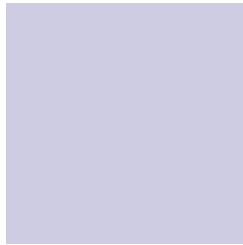
72.1030, 54.3610, 88.6410



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 207.2200, -6.1910, 7.5770 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 207.2200, -6.1910, 7.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

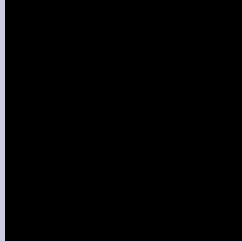
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.2200, -6.1910, 7.5770

Background



This preview shows how black text looks on a background with the YIQ color 207.2200, -6.1910, 7.5770.



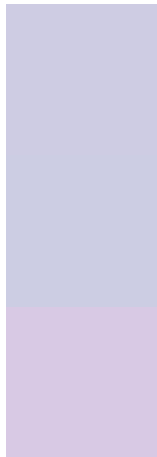
This preview shows how white text looks on a background with the YIQ color 207.2200, -6.1910,

7.5770.

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

207.2200, -6.1910, 7.5770

Protanopia

207.2090, -7.6580, 6.6300

Deuteranopia

208.5630, 0.2730, 11.5770



Tritanopia

206.8240, -5.1360, 4.9760

Trichromacy



Original Color

207.2200, -6.1910, 7.5770

Protanomaly

207.5080, -7.0620, 6.8420

Deuteranomaly

207.9540, -2.3860, 10.2060

Tritanomaly

207.0520, -5.7780, 5.5980

Monochromacy



Original Color

207.2200, -6.1910, 7.5770

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.2200, -6.1910, 7.5770 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, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 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, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 227) }
```

Border

The CSS property to change the border of an element to YIQ 207.2200, -6.1910, 7.5770 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, 204, 227) }
```


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

```
.border{ border-color:rgb(206, 204, 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, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 207.2200, -6.1910, 7.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 227) }
```

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

```
.background{ background-color: rgb(206,  
204, 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](#).

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