

Converting Colors

YIQ(204.6290, -17.2880,
15.9600)

Have a look what the booklet for
YIQ(204.6290, -17.2880, 15.9600)
contains.

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Color

**YIQ(204.6290, -17.2880,
15.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C7FB
RGB	198, 199, 251
RGB Percent	78%, 78%, 98%
CMY	0.2235, 0.2196, 0.0158
CMYK	0.21, 0.21, 0.00, 0.02
HSL	239°, 87%, 88%
HSV	239°, 21%, 98%
XYZ	61.1225, 59.8172, 99.5682
YIQ	204.6290, -17.2880, 15.9600

Conversions

Conversions Part 2

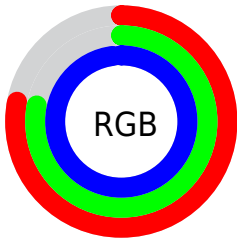
Format	Color
R _Y B	198, 199, 251
Decimal	13027323
CIE Lab	81.74, 10.29, -25.61
CIE LCh	82, 27.600, 291.887
Yxy	59.8172, 0.2772, 0.2713
Android (android.graphics.Color)	4291217403 (0xFFC6C7FB)
YUV	204.6290, 22.8609, -5.8136
Hunter-Lab	77.3416, 5.7195, -22.1898

Details

The YIQ color $204.6290, -17.2880, 15.9600$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $244.3710, 17.2880, -15.9600$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $149.9880, -16.9210, 14.8150$ is the 20% darker color. If you saturate the color by 10%, you get $182.4790, -25.3130, 23.7350$, and if you desaturate by 10%, it is $226.7790, -9.2630, 8.1850$.

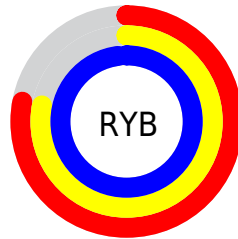
Distribution



Red (78%)

Green (78%)

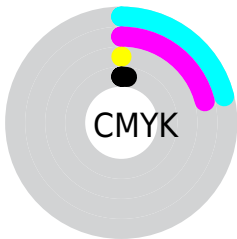
Blue (98%)



Red (78%)

Yellow (78%)

Blue (98%)

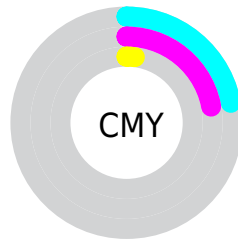


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.6290, -17.2880, 15.9600 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 204.6290, -17.2880, 15.9600 by changing the saturation by 10% instead.

■ 204.6290,
-17.2880, 15.9600

■ 204.6290,
-17.2880, 15.9600

255.0000, -0.0000,
-0.0000

■ 177.1020,
-17.2420, 15.1260

■ 149.9880,
-16.9210, 14.8150

■ 124.4610,
-16.8750, 13.9810

■ 99.2330, -16.2330,
13.3590

■ 74.8200, -16.5080,
12.8360

■ 51.8800, -16.7370,
11.4790

■ 29.3420, -18.1580,

9.6980

■ 5.6030, -14.3990,
13.1610

■ 3.2090, -7.6580,
6.6300

■ 204.6290,
-17.2880, 15.9600

■ 204.6290,
-17.2880, 15.9600

■ 182.4790,
-25.3130, 23.7350

■ 226.7790, -9.2630,
8.1850

■ 160.9160,
-33.6130, 30.9870

■ 248.3420, -0.9630,
0.9330

■ 138.7660,
-41.6380, 38.7620

■ 254.5440, 1.2840,
-1.2440

■ 117.2030,
-49.9380, 46.0140

■ 95.0530, -57.9630,
53.7890

■ 72.6040, -66.5840,
61.3520

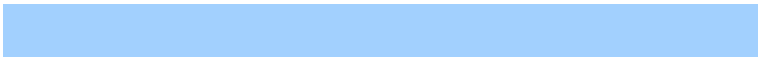
■ 51.0410, -74.8840,
68.6040

■ 31.5490, -81.9460,
75.4460

Harmonies

Analogous

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



199.4900, -42.1820, 4.5540



204.6290, -17.2880, 15.9600



207.0900, 9.3950, 22.4750

Triad

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



204.6290, -17.2880, 15.9600



204.9650, 42.6390, 3.6870



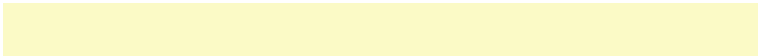
192.9640, -35.8500, -22.1060

Complementary

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



204.6290, -17.2880, 15.9600



244.3710, 17.2880, -15.9600

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.



196.8390, -10.6330, -22.0650



204.6290, -17.2880, 15.9600



202.6120, 32.9670, -8.2570

Square

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



204.6290, -17.2880, 15.9600



205.9300, 41.7200, 14.8400



199.5770, 13.7120, -17.2320



191.7310, -54.0070, -17.9350

Rectangle

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



204.6290, -17.2880, 15.9600



207.5170, 24.2500, 23.0820



199.5770, 13.7120, -17.2320



194.6290, -27.5970, -22.9970

Sweetspot

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



204.6290, -17.2880, 15.9600



241.7100, -4.8150, 4.6650



234.9250, -30.9460, -11.8580



120.0260, -2.8890, 2.7990



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.



204.6290, -17.2880, 15.9600



198.8830, -20.8190, 19.3810



211.5170, -2.1130, 21.7830



114.0690, -4.4480, 3.5200



23.8940, -61.7690, 56.6870



7.5410, -19.8560, 18.4480

Inverse Universe

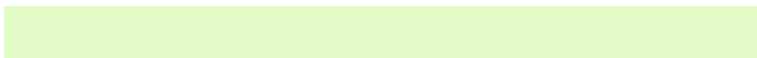
The Inverse Universe completely reimagines the original color for something new.



213.9610, 31.2670, 11.5470



210.2500, 37.8230, 13.8790



237.4830, 2.1130, -21.7830



116.0010, 7.4270, 3.0670



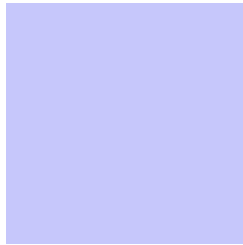
56.9670, 111.3600, 41.3120



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 204.6290, -17.2880, 15.9600 looks on a white background.

Color Contrast Check

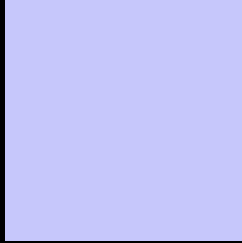
Large Text (above 18pt) WCAG AA × Fail

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 204.6290, -17.2880, 15.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

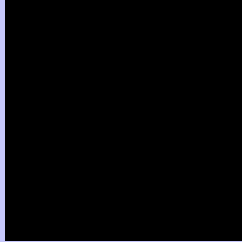
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.6290, -17.2880, 15.9600

Background



This preview shows how black text looks on a background with the YIQ color 204.6290, -17.2880, 15.9600.



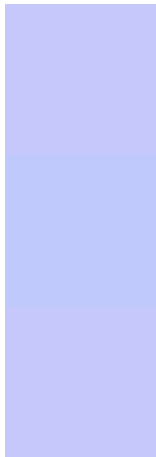
This preview shows how white text looks on a background with the YIQ color 204.6290, -17.2880,

15.9600.

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

204.6290, -17.2880, 15.9600

Protanopia

203.8240, -22.3310, 13.7410

Deuteranopia

204.6290, -17.2880, 15.9600



Tritanopia

202.3500, -12.6090, 2.7430

Trichromacy



Original Color

204.6290, -17.2880, 15.9600

Protanomaly

204.1340, -20.2680, 14.9000

Deuteranomaly

204.6290, -17.2880, 15.9600

Tritanomaly

203.0280, -14.3980, 7.6340

Monochromacy



Original Color

204.6290, -17.2880, 15.9600

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8670, -6.6950, 5.6970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.6290, -17.2880, 15.9600 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(198, 199, 251)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 251)  
}
```

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(198, 199, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 251) }
```

Border

The CSS property to change the border of an element to YIQ 204.6290, -17.2880, 15.9600 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(198, 199, 251) }
```


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

```
.border{ border-color:rgb(198, 199, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 251);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 204.6290, -17.2880, 15.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 251) }
```

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

```
.background{ background-color: rgb(198,  
199, 251) }
```

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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