

Converting Colors

YIQ(206.1610, -24.8980,
10.7020)

Have a look what the booklet for
YIQ(206.1610, -24.8980, 10.7020)
contains.

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Color

**YIQ(206.1610, -24.8980,
10.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCEFC
RGB	189, 206, 252
RGB Percent	74%, 81%, 99%
CMY	0.2588, 0.1921, 0.0119
CMYK	0.25, 0.18, 0.00, 0.01
HSL	224°, 91%, 86%
HSV	224°, 25%, 99%
XYZ	60.6238, 61.9906, 100.8372
YIQ	206.1610, -24.8980, 10.7020

Conversions

Conversions Part 2

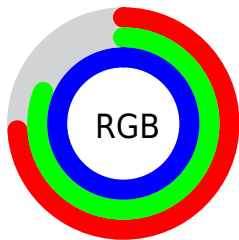
Format	Color
RYB	189, 202, 252
Decimal	12439292
CIELab	82.91, 4.07, -24.42
CIELCh	83, 24.752, 279.464
Yxy	61.9906, 0.2713, 0.2774
Android (android.graphics.Color)	4290629372 (0xFFBDCEFC)
YUV	206.1610, 22.5986, -15.0502
Hunter-Lab	78.7341, -0.3431, -20.8206

Details

The YIQ color $206.1610, -24.8980, 10.7020$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $234.8390, 24.8980, -10.7020$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $151.8190, -23.9350, 9.7690$ is the 20% darker color. If you saturate the color by 10%, you get $188.1200, -34.8480, 14.8160$, and if you desaturate by 10%, it is $224.2020, -14.9480, 6.5880$.

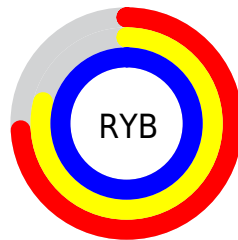
Distribution



Red (74%)

Green (81%)

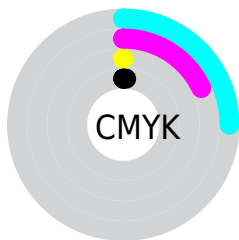
Blue (99%)



Red (74%)

Yellow (79%)

Blue (99%)

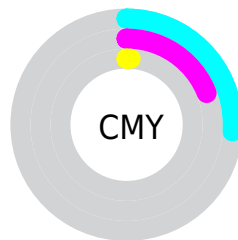


Cyan (25%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (26%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.1610, -24.8980, 10.7020 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 206.1610, -24.8980, 10.7020 by changing the saturation by 10% instead.

■ 206.1610,
-24.8980, 10.7020

■ 206.1610,
-24.8980, 10.7020

■ 255.0000, -0.0000,
-0.0000

■ 178.6340,
-24.8520, 9.8680

■ 252.3090, -5.3640,
-1.9080

■ 151.8190,
-23.9350, 9.7690

■ 125.4060,
-24.2100, 9.2460

■ 100.1780,
-23.5680, 8.6240

■ 75.7650, -23.8430,
8.1010

■ 52.5260, -24.6680,
6.5320

■ 28.4930, -29.0690,

3.6910

■ 11.0000, -17.1950,
8.7650

■ 3.3230, -7.9790,
6.9410

■ 206.1610,
-24.8980, 10.7020

■ 206.1610,
-24.8980, 10.7020

■ 188.1200,
-34.8480, 14.8160

■ 224.2020,
-14.9480, 6.5880

■ 169.4920,
-44.5230, 19.4530

■ 242.8300, -5.2730,
1.9510

■ 151.1520,
-55.0690, 23.3550

■ 254.6580, 0.9630,
-0.9330

■ 132.5240,
-64.7440, 27.9920

■ 114.4830,
-74.6940, 32.1060

■ 96.4420, -84.6440,
36.2200

■ 77.8140, -94.3190,
40.8570

■ 68.6440, -99.5920,
42.8080

Harmonies

Analogous

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



200.9580, -43.7400, -0.2520



206.1610, -24.8980, 10.7020



209.5940, -1.0120, 18.3480

Triad

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



206.1610, -24.8980, 10.7020



208.9310, 39.9790, 7.8430



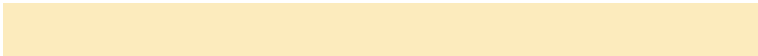
198.8470, -22.2790, -20.2550

Complementary

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



206.1610, -24.8980, 10.7020



234.8390, 24.8980, -10.7020

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.



201.8080, -0.1800, -18.7720



206.1610, -24.8980, 10.7020



207.1440, 34.5250, -3.4510

Square

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



206.1610, -24.8980, 10.7020



210.2760, 34.9340, 16.6780



204.7460, 20.7260, -12.1860



197.0760, -41.8570, -17.8650

Rectangle

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



206.1610, -24.8980, 10.7020



210.6620, 13.4760, 20.1000



204.7460, 20.7260, -12.1860



199.8540, -14.9890, -20.2130

Sweetspot

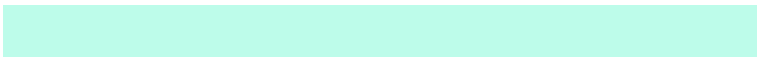
The Sweet Spot groups the original color and five complimentary colors.



206.1610, -24.8980, 10.7020



241.9870, -7.1530, 2.9830



231.1110, -31.7700, -18.9540



120.0150, -4.3560, 1.8520



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.



206.1610, -24.8980, 10.7020



199.4040, -29.8960, 13.1760



200.3680, -11.8790, 22.5610



115.8300, -5.2730, 1.9510



51.4830, -74.6940, 32.1060



16.9330, -24.2560, 10.0800

Inverse Universe

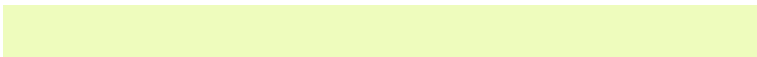
The Inverse Universe completely reimagines the original color for something new.



209.7750, 32.0910, 18.6430



204.0040, 38.8760, 22.3320



240.6320, 11.8790, -22.5610



116.3430, 6.4640, 4.0000



62.3250, 96.2730, 55.9290



20.1770, 30.8990, 18.2190

Previews

White Background



This preview shows how the YIQ color 206.1610, -24.8980, 10.7020 looks on a white background.

Color Contrast Check

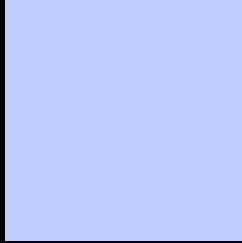
Large Text (above 18pt) WCAG AA × Fail

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 206.1610, -24.8980, 10.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

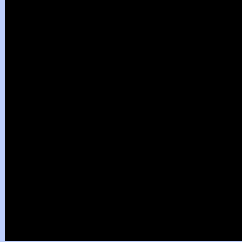
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.1610, -24.8980, 10.7020

Background



This preview shows how black text looks on a background with the YIQ color 206.1610, -24.8980, 10.7020.



This preview shows how white text looks on a background with the YIQ color 206.1610, -24.8980,

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

206.1610, -24.8980, 10.7020

Protanopia

206.9660, -19.8550, 12.9210

Deuteranopia

208.1130, -15.7750, 16.0730



Tritanopia

204.1640, -20.9530, -0.2250

Trichromacy



Original Color

206.1610, -24.8980, 10.7020

Protanomaly

206.6560, -21.9180, 11.7620

Deuteranomaly

207.2050, -19.0300, 14.4900

Tritanomaly

205.2010, -22.3750, 3.5210

Monochromacy



Original Color

206.1610, -24.8980, 10.7020

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.1440, -9.0330, 4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.1610, -24.8980, 10.7020 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(189, 206, 252)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 252)  
}
```

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(189, 206, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 252) }
```

Border

The CSS property to change the border of an element to YIQ 206.1610, -24.8980, 10.7020 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(189, 206, 252) }
```


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

```
.border{ border-color:rgb(189, 206, 252) }
```

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

Here you see how a box with a 4 pixel rgb(189, 206, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 252);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 206.1610, -24.8980, 10.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 252) }
```

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

```
.background{ background-color: rgb(189,  
206, 252) }
```

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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