

Converting Colors

YIQ(206.3050, -16.7360, 5.9520)

Have a look what the booklet for
YIQ(206.3050, -16.7360, 5.9520)
contains.

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Color

**YIQ(206.3050, -16.7360,
5.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CFEB
RGB	194, 207, 235
RGB Percent	76%, 81%, 92%
CMY	0.2392, 0.1882, 0.0785
CMYK	0.17, 0.12, 0.00, 0.08
HSL	221°, 51%, 84%
HSV	221°, 17%, 92%
XYZ	59.5536, 62.0941, 87.4268
YIQ	206.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

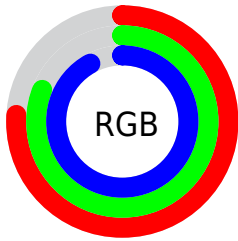
Format	Color
RYB	194, 204, 235
Decimal	12767211
CIELab	82.96, 1.29, -15.26
CIELCh	83, 15.318, 274.812
Yxy	62.0941, 0.2848, 0.2970
Android (android.graphics.Color)	4290957291 (0xFFC2CFEB)
YUV	206.3050, 14.1466, -10.7915
Hunter-Lab	78.7998, -2.9968, -10.6212

Details

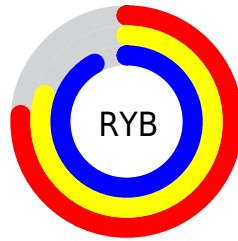
The YIQ color $206.3050, -16.7360, 5.9520$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.6950, 16.7360, -5.9520$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $152.0770, -16.0940, 5.3300$ is the 20% darker color. If you saturate the color by 10%, you get $190.0360, -26.0440, 9.4440$, and if you desaturate by 10%, it is $222.5740, -7.4280, 2.4600$.

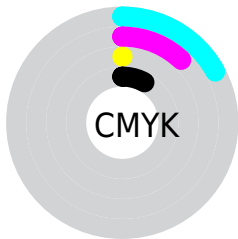
Distribution



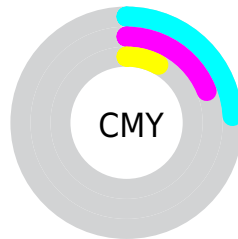
- Red (76%)
- Green (81%)
- Blue (92%)



- Red (76%)
- Yellow (80%)
- Blue (92%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3050, -16.7360, 5.9520 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 206.3050, -16.7360, 5.9520 by changing the saturation by 10% instead.

■ 206.3050,
-16.7360, 5.9520

■ 206.3050,
-16.7360, 5.9520

■ 255.0000, -0.0000,
-0.0000

■ 179.1910,
-16.4150, 5.6410

■ 253.8040, -2.3840,
-0.8480

■ 152.0770,
-16.0940, 5.3300

■ 125.9630,
-15.7730, 5.0190

■ 100.8490,
-15.4520, 4.7080

■ 76.7350, -15.1310,
4.3970

■ 53.6210, -14.8100,
4.0860

■ 31.9090, -15.6810,

3.3510

■ 10.2190, -13.6180,
4.5100

■ 0.9120, -2.5680,
2.4880

■ 206.3050,
-16.7360, 5.9520

■ 206.3050,
-16.7360, 5.9520

■ 190.0360,
-26.0440, 9.4440

■ 222.5740, -7.4280,
2.4600

■ 173.4680,
-35.9480, 12.7240

■ 239.1420, 2.4760,
-0.8200

■ 157.1990,
-45.2560, 16.2160

■ 252.7200, 6.4200,
-6.2200

■ 140.6310,
-55.1600, 19.4960

■ 124.3620,
-64.4680, 22.9880

■ 107.7940,
-74.3720, 26.2680

■ 91.5250, -83.6800,
29.7600

■ 74.9570, -93.5840,
33.0400

■ 70.8150, -96.0600,
33.8600

Harmonies

Analogous

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



203.5270, -26.4090, -0.4650



206.3050, -16.7360, 5.9520



208.1820, -3.0280, 10.8280

Triad

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



206.3050, -16.7360, 5.9520



208.8630, 25.4910, 6.0910



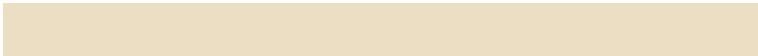
202.7500, -11.4600, -12.5800

Complementary

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



206.3050, -16.7360, 5.9520



222.6950, 16.7360, -5.9520

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.



204.5190, 2.4320, -11.0400



206.3050, -16.7360, 5.9520



207.6790, 22.8330, -0.8070

Square

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



206.3050, -16.7360, 5.9520



209.5730, 20.6760, 10.7560



205.7980, 14.9480, -6.5880



201.6440, -22.7850, -11.0810

Rectangle

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



206.3050, -16.7360, 5.9520



208.9120, 6.6000, 12.5520



205.7980, 14.9480, -6.5880



203.2020, -6.9210, -12.2410

Sweetspot

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



206.3050, -16.7360, 5.9520



245.8300, -5.2730, 1.9510



221.1450, -19.9420, -13.0460



122.0860, -3.1180, 1.4420



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.



206.3050, -16.7360, 5.9520



217.1350, -22.0090, 7.9030



200.7670, -8.9890, 14.2350



109.0150, -4.3560, 1.8520



54.0930, -73.7760, 26.4800



16.1350, -22.0090, 7.9030

Inverse Universe

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



207.7410, 20.2630, 12.7350



219.0840, 26.7270, 16.7350



228.2330, 8.9890, -14.2350



109.6310, 5.5930, 3.2650



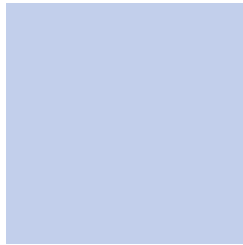
60.6170, 89.5790, 56.0990



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 206.3050, -16.7360, 5.9520 looks on a white background.

Color Contrast Check

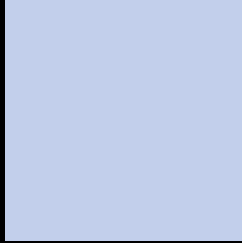
Large Text (above 18pt) WCAG AA × Fail

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 206.3050, -16.7360, 5.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

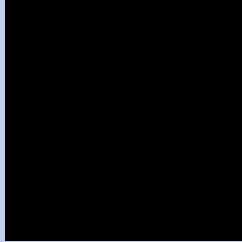
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.3050, -16.7360, 5.9520

Background



This preview shows how black text looks on a background with the YIQ color 206.3050, -16.7360, 5.9520.



This preview shows how white text looks on a background with the YIQ color 206.3050, -16.7360,

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

206.3050, -16.7360, 5.9520

Protanopia

207.4090, -11.0970, 8.3830

Deuteranopia

208.2790, -4.6790, 13.2170



Tritanopia

205.7410, -15.2680, 1.3720

Trichromacy



Original Color

206.3050, -16.7360, 5.9520

Protanomaly

207.0990, -13.1600, 7.2240

Deuteranomaly

207.3600, -9.4010, 10.6870

Tritanomaly

205.9090, -15.6810, 3.3510

Monochromacy



Original Color

206.3050, -16.7360, 5.9520

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0580, -5.9150, 2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3050, -16.7360, 5.9520 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, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 207, 235)  
}
```

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, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 207, 235) }
```

Border

The CSS property to change the border of an element to YIQ 206.3050, -16.7360, 5.9520 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, 207, 235) }
```


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

```
.border{ border-color:rgb(194, 207, 235) }
```

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

Here you see how a box with a 4 pixel rgb(194, 207, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 207,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3050, -16.7360, 5.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 207, 235) }
```

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

```
.background{ background-color: rgb(194,  
207, 235) }
```

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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