

Converting Colors

YIQ(211.3360, -27.1890, 2.6590)

Have a look what the booklet for
YIQ(211.3360, -27.1890, 2.6590)
contains.

YIQ(211.3360, -27.1890, 2.6590)	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(211.3360, -27.1890,
2.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD9F6
RGB	187, 217, 246
RGB Percent	73%, 85%, 96%
CMY	0.2667, 0.1490, 0.0354
CMYK	0.24, 0.12, 0.00, 0.04
HSL	209°, 77%, 85%
HSV	209°, 24%, 96%
XYZ	61.9358, 66.8471, 96.8004
YIQ	211.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

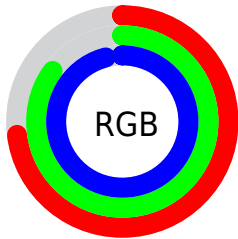
Format	Color
R _Y B	187, 207, 246
Decimal	12311030
CIE Lab	85.43, -3.70, -17.44
CIE LCh	85, 17.825, 258.013
Yxy	66.8471, 0.2746, 0.2963
Android (android.graphics.Color)	4290501110 (0xFFBBD9F6)
YUV	211.3360, 17.0894, -21.3427
Hunter-Lab	81.7601, -7.8609, -12.9648

Details

The YIQ color $211.3360, -27.1890, 2.6590$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $221.6640, 27.1890, -2.6590$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $251.7110, -6.5560, -2.3320$, and $156.5210, -26.2720, 2.5600$ is the 20% darker color. If you saturate the color by 10%, you get $196.8170, -38.7890, 3.6350$, and if you desaturate by 10%, it is $225.8550, -15.5890, 1.6830$.

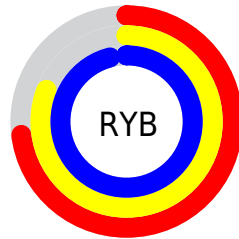
Distribution



Red (73%)

Green (85%)

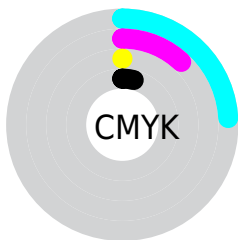
Blue (96%)



Red (73%)

Yellow (81%)

Blue (96%)

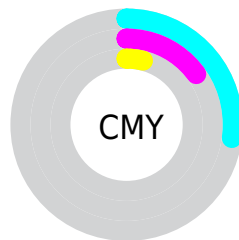


Cyan (24%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.3360, -27.1890, 2.6590 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 211.3360, -27.1890, 2.6590 by changing the saturation by 10% instead.

■ 211.3360,
-27.1890, 2.6590

■ 211.3360,
-27.1890, 2.6590

■ 255.0000, -0.0000,
-0.0000

■ 183.5210,
-26.2720, 2.5600

■ 251.7110, -6.5560,
-2.3320

■ 156.5210,
-26.2720, 2.5600

■ 130.4070,
-25.9510, 2.2490

■ 104.8800,
-25.9050, 1.4150

■ 79.8800, -25.9050,
1.4150

■ 56.3530, -25.8590,
0.5810

■ 32.1460, -29.7100,

-1.2140

■ 17.0010, -18.9360,
1.7680

■ 2.8670, -6.6950,
5.6970

■ 211.3360,
-27.1890, 2.6590

■ 211.3360,
-27.1890, 2.6590

■ 196.8170,
-38.7890, 3.6350

■ 225.8550,
-15.5890, 1.6830

■ 182.5970,
-49.7930, 4.8230

■ 240.0750, -4.5850,
0.4950

■ 168.0780,
-61.3930, 5.7990

■ 252.8000, 3.4390,
-1.7530

■ 153.8580,
-72.3970, 6.9870

■ 253.9740, 2.8890,
-2.7990

■ 139.3390,
-83.9970, 7.9630

■ 124.8200,
-95.5970, 8.9390

■ 110.0130,
-106.3260, 10.6500

■ 101.4190,
-113.3410, 11.1310

Harmonies

Analogous

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



208.5860, -34.0650, -4.8890



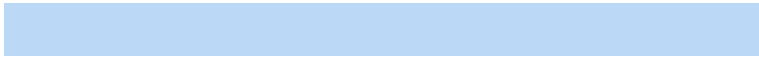
211.3360, -27.1890, 2.6590



213.9790, -12.7020, 9.9380

Triad

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



211.3360, -27.1890, 2.6590



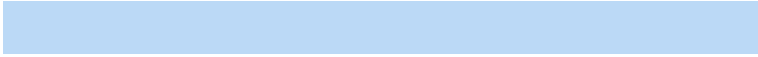
216.2810, 27.3700, 10.5860



209.8170, -4.3990, -13.8950

Complementary

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



211.3360, -27.1890, 2.6590



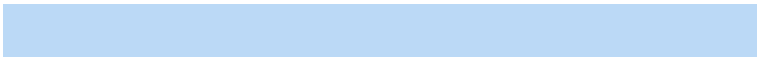
221.6640, 27.1890, -2.6590

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.



212.0100, 11.2350, -10.8850



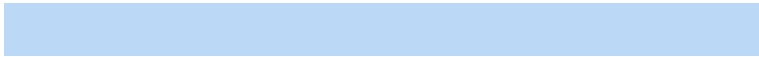
211.3360, -27.1890, 2.6590



215.4350, 29.5720, 3.7160

Square

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



211.3360, -27.1890, 2.6590



216.7240, 18.9330, 14.8130



213.8700, 23.6130, -3.9310



208.2050, -20.1710, -14.4030

Rectangle

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



211.3360, -27.1890, 2.6590



215.8340, -1.9280, 12.9200



213.8700, 23.6130, -3.9310



210.5680, 0.7360, -13.3440

Sweetspot

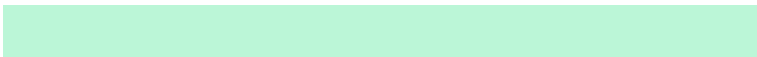
The Sweet Spot groups the original color and five complimentary colors.



211.3360, -27.1890, 2.6590



244.3350, -8.2530, 0.8910



224.8250, -25.2130, -22.1490



121.1890, -4.9060, 0.8060



0.0000, 0.0000, 0.0000



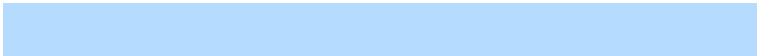
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.3360, -27.1890, 2.6590



211.7420, -34.2040, 3.1400



194.3130, -19.2140, 17.8260



114.8900, -5.5020, 0.5940



76.9690, -85.8310, 8.1610



24.3360, -27.1890, 2.6590

Inverse Universe

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



208.0610, 25.5340, 21.8380



207.4580, 31.9060, 27.5060



238.6870, 19.2140, -17.8260



114.2720, 5.2260, 4.4100



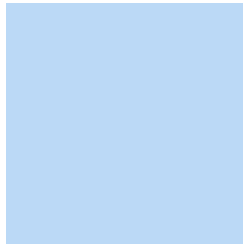
66.4440, 80.3610, 68.9770



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 211.3360, -27.1890, 2.6590 looks on a white background.

Color Contrast Check

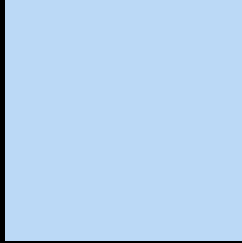
Large Text (above 18pt) WCAG AA × Fail

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 211.3360, -27.1890, 2.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

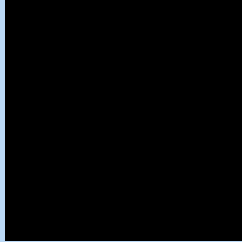
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

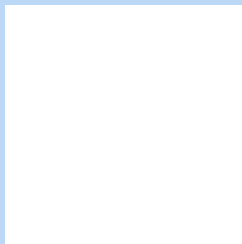
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 211.3360, -27.1890, 2.6590

Background



This preview shows how black text looks on a background with the YIQ color 211.3360, -27.1890, 2.6590.

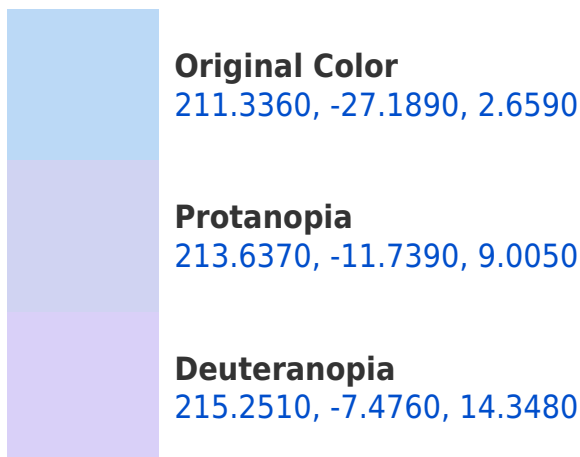


This preview shows how white text looks on a background with the YIQ color 211.3360, -27.1890,

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





Tritanopia

210.7720, -25.7210, -1.9210

Trichromacy



Original Color

211.3360, -27.1890, 2.6590

Protanomaly

212.5330, -17.3780, 6.5740

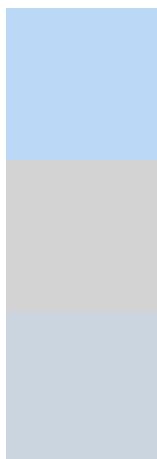
Deuteranomaly

213.6090, -14.5360, 10.1360

Tritanomaly

210.9400, -26.1340, 0.0580

Monochromacy



Original Color

211.3360, -27.1890, 2.6590

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.9650, -10.0870, 1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3360, -27.1890, 2.6590 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(187, 217, 246)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 246)  
}
```

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(187, 217, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 246) }
```

Border

The CSS property to change the border of an element to YIQ 211.3360, -27.1890, 2.6590 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(187, 217, 246) }
```


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

```
.border{ border-color:rgb(187, 217, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 246);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3360, -27.1890, 2.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 246) }
```

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

```
.background{ background-color: rgb(187,  
217, 246) }
```

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