

Converting Colors

YIQ(204.5800, -25.9010,
-20.6930)

Have a look what the booklet for
YIQ(204.5800, -25.9010, -20.6930)
contains.

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Color

**YIQ(204.5800, -25.9010,
-20.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E1C6
RGB	167, 225, 198
RGB Percent	65%, 88%, 78%
CMY	0.3452, 0.1175, 0.2236
CMYK	0.26, 0.00, 0.12, 0.12
HSL	152°, 49%, 77%
HSV	152°, 26%, 88%
XYZ	53.0504, 66.1510, 63.3858
YIQ	204.5800, -25.9010, -20.6930

Conversions

Conversions Part 2

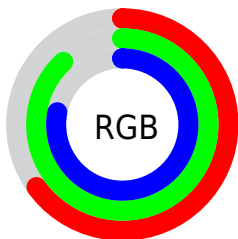
Format	Color
RYB	167, 205, 225
Decimal	11002310
CIELab	85.07, -23.99, 7.27
CIElCh	85, 25.064, 163.143
Yxy	66.1510, 0.2905, 0.3623
Android (android.graphics.Color)	4289192390 (0xFFA7E1C6)
YUV	204.5800, -3.2439, -32.9577
Hunter-Lab	81.3333, -25.9048, 10.7266

Details

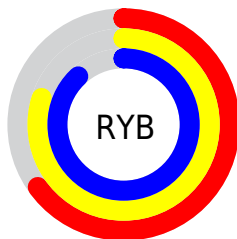
The YIQ color $204.5800, -25.9010, -20.6930$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $187.4200, 25.9010, 20.6930$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, -19.0720, -6.7840$, and $150.2920, -25.0300, -19.9580$ is the 20% darker color. If you saturate the color by 10%, you get $196.4490, -36.0780, -28.9900$, and if you desaturate by 10%, it is $212.2980, -15.9990, -12.9190$.

Distribution



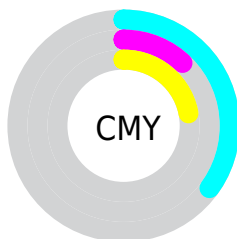
- Red (65%)
- Green (88%)
- Blue (78%)



- Red (65%)
- Yellow (80%)
- Blue (88%)



- Cyan (26%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (35%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5800, -25.9010, -20.6930 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 204.5800, -25.9010, -20.6930 by changing the saturation by 10% instead.

■ 204.5800,
-25.9010, -20.6930

■ 204.5800,
-25.9010, -20.6930

■ 255.0000, -0.0000,
-0.0000

■ 176.9930,
-25.6260, -20.1700

■ 245.4320,
-19.0720, -6.7840

■ 150.2920,
-25.0300, -19.9580

■ 254.1030, -1.7880,
-0.6360

■ 123.8190,
-25.0760, -19.1240

■ 98.2320, -24.8010,
-18.6010

■ 73.3460, -25.1220,
-18.2900

■ 48.0790, -28.7440,
-18.7280

■ 30.0800, -21.3170,

-15.6610

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 204.5800,
-25.9010, -20.6930

■ 204.5800,
-25.9010, -20.6930

■ 196.4490,
-36.0780, -28.9900

■ 212.2980,
-15.9990, -12.9190

■ 188.7310,
-45.9800, -36.7640

■ 220.4290, -5.8220,
-4.6220

■ 180.7140,
-56.4780, -44.7500

■ 228.1470, 4.0800,
3.1520

■ 172.8820,
-66.0590, -52.8350

■ 235.6800, 13.0650,
11.0250

■ 164.8650,
-76.5570, -60.8210

■ 236.8200, 9.8550,
14.1350

■ 157.0330,
-86.1380, -68.9060

■ 237.3900, 8.2500,
15.6900

■ 149.0160,
-96.6360, -76.8920

■ 145.7550,
-100.3950, -80.3550

Harmonies

Analogous

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



207.6120, -2.5640, -19.6200



204.5800, -25.9010, -20.6930



202.5210, -44.6080, -17.5680

Triad

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



204.5800, -25.9010, -20.6930



212.4280, -21.2760, 11.1400



213.6920, 39.1540, 6.2740

Complementary

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



204.5800, -25.9010, -20.6930



187.4200, 25.9010, 20.6930

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.



214.4390, 32.9170, 14.6850



204.5800, -25.9010, -20.6930



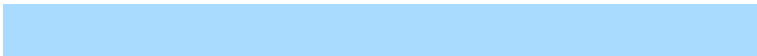
215.7900, 1.3720, 19.1960

Square

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



204.5800, -25.9010, -20.6930



207.8550, -41.9520, 0.3840



216.8650, 23.1500, 20.9900



212.7310, 34.2500, -3.9740

Rectangle

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



204.5800, -25.9010, -20.6930



202.7470, -50.9360, -13.0160



216.8650, 23.1500, 20.9900



213.9030, 37.1820, 8.9740

Sweetspot

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



204.5800, -25.9010, -20.6930



247.8800, -8.7100, -7.3500



209.1190, 0.1420, -24.6100



123.4290, -5.8220, -4.6220



0.0000, 0.0000, 0.0000



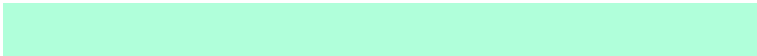
128.0000, -0.0000, -0.0000

Same Dimension

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



204.5800, -25.9010, -20.6930



227.1610, -35.2070, -28.2550



206.4840, -34.0180, -11.2500



108.1410, -4.9510, -3.8870



114.0280, -78.5740, -62.8140



31.1400, -21.5460, -17.0180

Inverse Universe

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



187.4200, 25.9010, 20.6930



203.8390, 35.2070, 28.2550



185.5160, 34.0180, 11.2500



104.8590, 4.9510, 3.8870



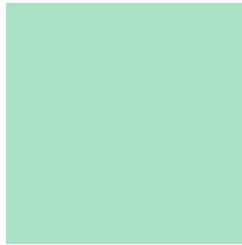
61.9720, 78.5740, 62.8140



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 204.5800, -25.9010, -20.6930 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 204.5800, -25.9010, -20.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

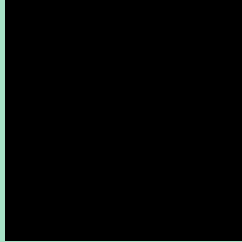
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

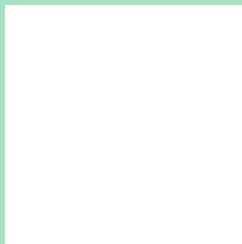
Any Text WCAG AAA ✓ Pass

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

YIQ 204.5800, -25.9010, -20.6930 Background



This preview shows how black text looks on a background with the YIQ color 204.5800, -25.9010, -20.6930.



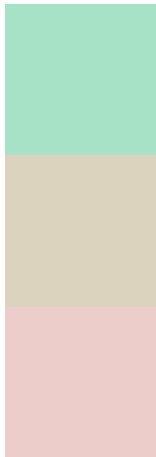
This preview shows how white text looks on a background with the YIQ color 204.5800, -25.9010, -20.6930.

-20.6930.

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

204.5800, -25.9010, -20.6930

Protanopia

211.4110, 11.7840, -4.3120

Deuteranopia

213.9270, 19.4390, 5.6390



Tritanopia

207.8960, -32.0020, -3.7300

Trichromacy



Original Color

204.5800, -25.9010, -20.6930

Protanomaly

209.0070, -1.8780, -10.0220

Deuteranomaly

210.4470, 2.9350, -3.6330

Tritanomaly

206.5770, -29.8460, -9.7660

Monochromacy



Original Color

204.5800, -25.9010, -20.6930

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.5810, -9.3060, -7.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5800, -25.9010, -20.6930 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(167, 225, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 225, 198)  
}
```

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(167, 225, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 225, 198) }
```

Border

The CSS property to change the border of an element to YIQ 204.5800, -25.9010, -20.6930 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(167, 225, 198) }
```


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

```
.border{ border-color:rgb(167, 225, 198) }
```

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

Here you see how a box with a 4 pixel rgb(167, 225, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(167, 225,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5800, -25.9010, -20.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 225, 198) }
```

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

```
.background{ background-color: rgb(167,  
225, 198) }
```

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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