

Converting Colors

YIQ(196.2030, -25.8570,
-10.4730)

Have a look what the booklet for
YIQ(196.2030, -25.8570, -10.4730)
contains.

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Color

**YIQ(196.2030, -25.8570,
-10.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D2CF
RGB	165, 210, 207
RGB Percent	65%, 82%, 81%
CMY	0.3530, 0.1764, 0.1883
CMYK	0.21, 0.00, 0.01, 0.18
HSL	176°, 33%, 74%
HSV	176°, 21%, 82%
XYZ	49.8219, 58.6026, 67.7006
YIQ	196.2030, -25.8570, -10.4730

Conversions

Conversions Part 2

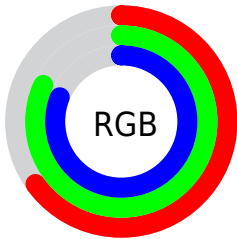
Format	Color
RYB	165, 188, 210
Decimal	10867407
CIELab	81.07, -15.27, -3.34
CIElCh	81, 15.629, 192.325
Yxy	58.6026, 0.2829, 0.3327
Android (android.graphics.Color)	4289057487 (0xFFA5D2CF)
YUV	196.2030, 5.3229, -27.3650
Hunter-Lab	76.5523, -17.7950, 1.1523

Details

The YIQ color **196.2030, -25.8570, -10.4730** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.7970, 25.8570, 10.4730**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **141.9150, -24.9860, -9.7380** is the 20% darker color. If you saturate the color by 10%, you get **189.8100, -38.0520, -15.2360**, and if you desaturate by 10%, it is **202.5960, -13.6620, -5.7100**.

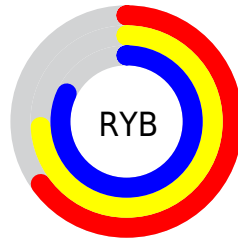
Distribution



Red (65%)

Green (82%)

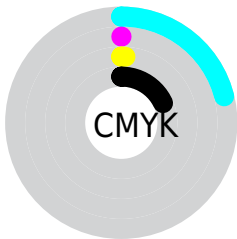
Blue (81%)



Red (65%)

Yellow (74%)

Blue (82%)

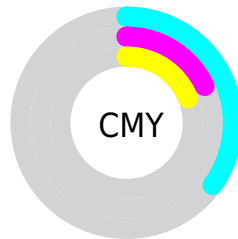


Cyan (21%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.2030, -25.8570, -10.4730 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 196.2030, -25.8570, -10.4730 by changing the saturation by 10% instead.

■ 196.2030,
-25.8570, -10.4730

■ 196.2030,
-25.8570, -10.4730

■ 255.0000, -0.0000,
-0.0000

■ 168.5020,
-25.2610, -10.2610

■ 244.8340,
-20.2640, -7.2080

■ 141.9150,
-24.9860, -9.7380

■ 253.5050, -2.9800,
-1.0600

■ 116.2140,
-24.3900, -9.5260

■ 91.2140, -24.3900,
-9.5260

■ 67.2140, -24.3900,
-9.5260

■ 43.3170, -26.1780,
-10.1620

■ 24.4210, -20.5390,

-7.7310

■ 6.0640, -6.0520,
-0.4520

■ 0.0000, 0.0000,
0.0000

■ 196.2030,
-25.8570, -10.4730

■ 196.2030,
-25.8570, -10.4730

■ 189.8100,
-38.0520, -15.2360

■ 202.5960,
-13.6620, -5.7100

■ 183.3030,
-49.9260, -20.3100

■ 209.1030, -1.7880,
-0.6360

■ 176.9100,
-62.1210, -25.0730

■ 215.4960, 10.4070,
4.1270

■ 170.4030,
-73.9950, -30.1470

■ 222.0030, 22.2810,
9.2010

■ 164.0100,
-86.1900, -34.9100

■ 223.9110, 25.5360,
10.7840

■ 157.5030,
-98.0640, -39.9840

■ 224.0250, 25.2150,
11.0950

■ 151.1100,
-110.2590, -44.7470

■ 224.2530, 24.5730,
11.7170

■ 145.6140,
-120.6660, -48.8740

■ 224.3670, 24.2520,
12.0280

■ 224.5950, 23.6100,
12.6500

Harmonies

Analogous

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



196.8960, -14.8070, -12.4950



196.2030, -25.8570, -10.4730



197.0980, -29.7550, -5.9070

Triad

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



196.2030, -25.8570, -10.4730



203.8620, 0.8690, 11.7890



201.5540, 21.6870, -2.0650

Complementary

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



196.2030, -25.8570, -10.4730



178.7970, 25.8570, 10.4730

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.



203.1080, 26.1790, 4.6350



196.2030, -25.8570, -10.4730



204.3320, 14.1650, 13.1170

Square

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



196.2030, -25.8570, -10.4730



201.9140, -14.0770, 7.3230



203.8290, 22.8310, 10.2470



200.1890, 12.2890, -7.9590

Rectangle

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



196.2030, -25.8570, -10.4730



198.5160, -27.8760, -1.4120



203.8290, 22.8310, 10.2470



202.3910, 23.7040, -0.0720

Sweetspot

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



196.2030, -25.8570, -10.4730



250.4010, -8.6190, -3.4910



192.6110, -9.9910, -22.6870



125.1950, -5.0430, -2.2190



0.0000, 0.0000, 0.0000



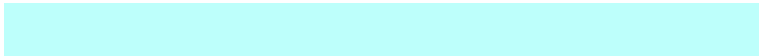
128.0000, -0.0000, -0.0000

Same Dimension

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



196.2030, -25.8570, -10.4730



234.8100, -38.0520, -15.2360



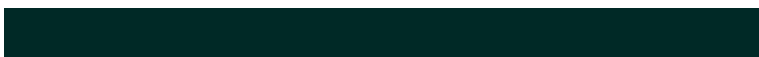
185.3920, -21.5950, 0.3970



101.5970, -6.2350, -2.6430



116.5140, -96.5970, -39.0370



28.3990, -23.4730, -9.6250

Inverse Universe

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



178.7970, 25.8570, 10.4730



209.1900, 38.0520, 15.2360



189.6080, 21.5950, -0.3970



97.4030, 6.2350, 2.6430



51.4860, 96.5970, 39.0370



12.6010, 23.4730, 9.6250

Previews

White Background



This preview shows how the YIQ color 196.2030, -25.8570, -10.4730 looks on a white background.

Color Contrast Check

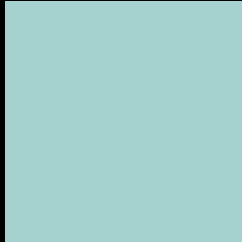
Large Text (above 18pt) WCAG AA × Fail

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 196.2030, -25.8570, -10.4730 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

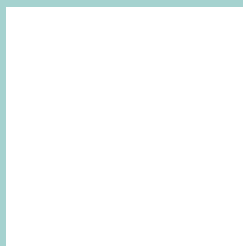
Any Text WCAG AAA ✓ Pass

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

YIQ 196.2030, -25.8570, -10.4730 Background



This preview shows how black text looks on a background with the YIQ color 196.2030, -25.8570, -10.4730.



This preview shows how white text looks on a background with the YIQ color 196.2030, -25.8570, -10.4730.

-10.4730.

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

196.2030, -25.8570, -10.4730

Protanopia

201.3100, 2.0630, 1.1590

Deuteranopia

202.9890, 7.7010, 9.1170



Tritanopia

197.2770, -28.7010, -2.9810

Trichromacy



Original Color

196.2030, -25.8570, -10.4730

Protanomaly

199.7000, -8.0230, -3.2790

Deuteranomaly

200.1290, -4.6770, 2.1630

Tritanomaly

196.8810, -27.6460, -5.5820

Monochromacy



Original Color

196.2030, -25.8570, -10.4730

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1020, -9.2150, -3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.2030, -25.8570, -10.4730 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(165, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(165, 210, 207)  
}
```

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(165, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 210, 207) }
```

Border

The CSS property to change the border of an element to YIQ 196.2030, -25.8570, -10.4730 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(165, 210, 207) }
```


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

```
.border{ border-color:rgb(165, 210, 207) }
```

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

Here you see how a box with a 4 pixel rgb(165, 210, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(165, 210,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 196.2030, -25.8570, -10.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 210, 207) }
```

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

```
.background{ background-color: rgb(165,  
210, 207) }
```

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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