

Converting Colors

YIQ(195.0950, -25.6730,
-13.8090)

Have a look what the booklet for
YIQ(195.0950, -25.6730, -13.8090)
contains.

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Color

**YIQ(195.0950, -25.6730,
-13.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D3C8
RGB	162, 211, 200
RGB Percent	64%, 83%, 78%
CMY	0.3648, 0.1725, 0.2158
CMYK	0.23, 0.00, 0.05, 0.17
HSL	166°, 36%, 73%
HSV	166°, 23%, 83%
XYZ	48.6158, 58.4459, 63.3478
YIQ	195.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

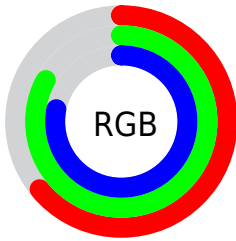
Format	Color
RYB	162, 190, 211
Decimal	10671048
CIELab	80.99, -18.18, 0.25
CIELCh	81, 18.177, 179.199
Yxy	58.4459, 0.2853, 0.3430
Android (android.graphics.Color)	4288861128 (0xFFA2D3C8)
YUV	195.0950, 2.4182, -29.0243
Hunter-Lab	76.4499, -20.2760, 4.3861

Details

The YIQ color **195.0950, -25.6730, -13.8090** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **177.9050, 25.6730, 13.8090**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, -22.0520, -7.8440**, and **140.8070, -24.8020, -13.0740** is the 20% darker color. If you saturate the color by 10%, you get **188.2460, -36.5840, -19.8160**, and if you desaturate by 10%, it is **201.9440, -14.7620, -7.8020**.

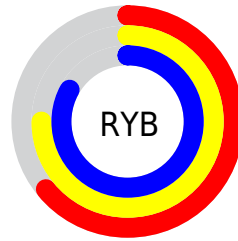
Distribution



Red (64%)

Green (83%)

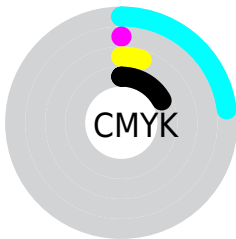
Blue (78%)



Red (64%)

Yellow (75%)

Blue (83%)

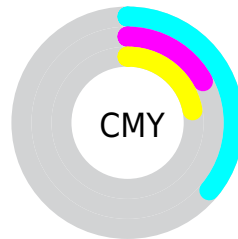


Cyan (23%)

Magenta (0%)

Yellow (5%)

Black (17%)



Cyan (36%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.0950, -25.6730, -13.8090 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 195.0950, -25.6730, -13.8090 by changing the saturation by 10% instead.

■ 195.0950,
-25.6730, -13.8090

■ 195.0950,
-25.6730, -13.8090

■ 255.0000, -0.0000,
-0.0000

■ 167.5080,
-25.3980, -13.2860

■ 243.9370,
-22.0520, -7.8440

■ 140.8070,
-24.8020, -13.0740

■ 252.3090, -5.3640,
-1.9080

■ 115.1060,
-24.2060, -12.8620

■ 90.2200, -24.5270,
-12.5510

■ 66.2200, -24.5270,
-12.5510

■ 41.2520, -27.5530,
-12.7770

■ 24.4380, -19.2090,

-9.8090

■ 4.4510, -2.8880,
-2.7280

■ 0.0000, 0.0000,
0.0000

■ 195.0950,
-25.6730, -13.8090

■ 195.0950,
-25.6730, -13.8090

■ 188.2460,
-36.5840, -19.8160

■ 201.9440,
-14.7620, -7.8020

■ 181.3970,
-47.4950, -25.8230

■ 208.6790, -3.5300,
-2.1060

■ 174.6620,
-58.7270, -31.5190

■ 215.5280, 7.3810,
3.9010

■ 167.8130,
-69.6380, -37.5260

■ 222.3770, 18.2920,
9.9080

■ 160.6650,
-81.1450, -43.7450

■ 225.6380, 22.0510,
13.3710

■ 153.8160,
-92.0560, -49.7520

■ 226.0940, 20.7670,
14.6150

■ 147.0810,
-103.2880, -55.4480

■ 226.6640, 19.1620,
16.1700

■ 142.5530,
-110.6690, -59.3490

■ 227.2340, 17.5570,
17.7250

■ 227.8040, 15.9520,
19.2800

Harmonies

Analogous

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



196.4680, -10.7260, -14.8700



195.0950, -25.6730, -13.8090



194.6520, -34.4310, -9.2710

Triad

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



195.0950, -25.6730, -13.8090



202.9690, -6.7420, 12.0580



202.2560, 28.5180, 0.7900

Complementary

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



195.0950, -25.6730, -13.8090



177.9050, 25.6730, 13.8090

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.



203.4830, 29.6170, 8.4090



195.0950, -25.6730, -13.8090



204.3470, 9.8090, 14.9690

Square

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



195.0950, -25.6730, -13.8090



200.3690, -22.7880, 5.5000



204.2360, 23.2430, 13.7950



200.7230, 19.5330, -7.0830

Rectangle

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



195.0950, -25.6730, -13.8090



196.2870, -34.6610, -5.1010



204.2360, 23.2430, 13.7950



203.0220, 29.2970, 3.1930

Sweetspot

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



195.0950, -25.6730, -13.8090



249.1620, -9.4440, -5.0600



194.0520, -6.9190, -23.2950



124.3690, -5.5930, -3.2650



0.0000, 0.0000, 0.0000



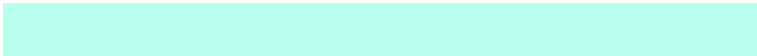
128.0000, -0.0000, -0.0000

Same Dimension

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



195.0950, -25.6730, -13.8090



231.9470, -37.1800, -20.0280



188.7180, -25.6290, -3.5890



101.3690, -5.5930, -3.2650



113.4360, -87.9300, -47.4340



27.7150, -21.5470, -11.4910

Inverse Universe

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



177.9050, 25.6730, 13.8090



207.0530, 37.1800, 20.0280



184.2820, 25.6290, 3.5890



97.5170, 5.9140, 2.9540



54.5640, 87.9300, 47.4340



13.2850, 21.5470, 11.4910

Previews

White Background



This preview shows how the YIQ color 195.0950, -25.6730, -13.8090 looks on a white background.

Color Contrast Check

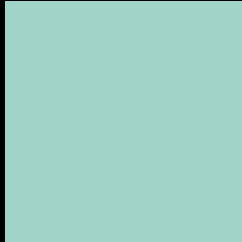
Large Text (above 18pt) WCAG AA × Fail

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 195.0950, -25.6730, -13.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

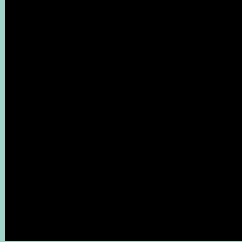
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

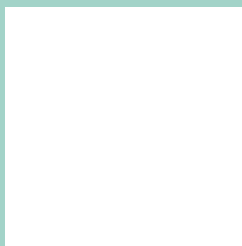
Any Text WCAG AAA ✓ Pass

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

YIQ 195.0950, -25.6730, -13.8090 Background



This preview shows how black text looks on a background with the YIQ color 195.0950, -25.6730, -13.8090.



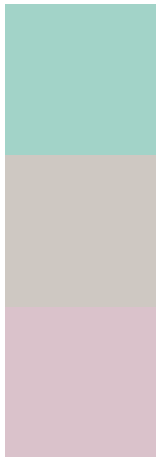
This preview shows how white text looks on a background with the YIQ color 195.0950, -25.6730, -13.8090.

-13.8090.

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

195.0950, -25.6730, -13.8090

Protanopia

201.1100, 5.5020, -0.5940

Deuteranopia

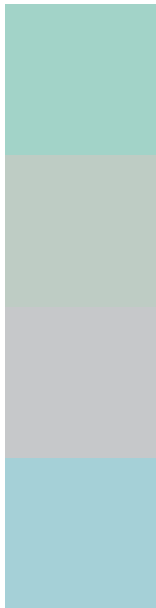
202.2020, 11.4150, 7.8870



Tritanopia

196.9780, -29.2970, -3.1930

Trichromacy



Original Color

195.0950, -25.6730, -13.8090

Protanomaly

198.9020, -5.7760, -5.4560

Deuteranomaly

199.6300, -1.8340, 0.1980

Tritanomaly

195.9410, -27.8750, -6.9390

Monochromacy



Original Color

195.0950, -25.6730, -13.8090

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.1620, -9.4440, -5.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.0950, -25.6730, -13.8090 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(162, 211, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 211, 200)  
}
```

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(162, 211, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 211, 200) }
```

Border

The CSS property to change the border of an element to YIQ 195.0950, -25.6730, -13.8090 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(162, 211, 200) }
```


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

```
.border{ border-color:rgb(162, 211, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 211, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 211, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 211, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 211,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 195.0950, -25.6730, -13.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 211, 200) }
```

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

```
.background{ background-color: rgb(162,  
211, 200) }
```

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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