

Converting Colors

YIQ(195.9810, -25.3520,
-14.1200)

Have a look what the booklet for
YIQ(195.9810, -25.3520, -14.1200)
contains.

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Color

**YIQ(195.9810, -25.3520,
-14.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D4C8
RGB	163, 212, 200
RGB Percent	64%, 83%, 78%
CMY	0.3609, 0.1685, 0.2158
CMYK	0.23, 0.00, 0.06, 0.17
HSL	165°, 36%, 74%
HSV	165°, 23%, 83%
XYZ	49.0690, 59.0495, 63.4408
YIQ	195.9810, -25.3520, -14.1200

Conversions

Conversions Part 2

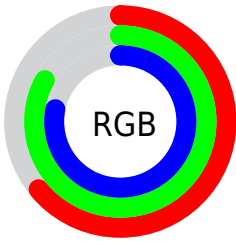
Format	Color
RYB	163, 191, 212
Decimal	10736840
CIELab	81.32, -18.37, 0.75
CIELCh	81, 18.386, 177.674
Yxy	59.0495, 0.2860, 0.3442
Android (android.graphics.Color)	4288926920 (0xFFA3D4C8)
YUV	195.9810, 1.9814, -28.9243
Hunter-Lab	76.8437, -20.4941, 4.8418

Details

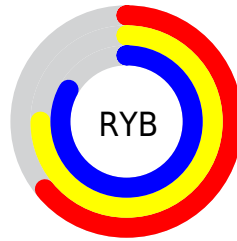
The YIQ color $195.9810, -25.3520, -14.1200$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $179.0190, 25.3520, 14.1200$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.2360, -21.4560, -7.6320$, and $141.6930, -24.4810, -13.3850$ is the 20% darker color. If you saturate the color by 10%, you get $189.1320, -36.2630, -20.1270$, and if you desaturate by 10%, it is $202.8300, -14.4410, -8.1130$.

Distribution



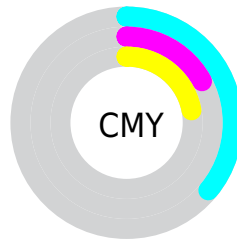
- Red (64%)
- Green (83%)
- Blue (78%)



- Red (64%)
- Yellow (75%)
- Blue (83%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (36%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9810, -25.3520, -14.1200 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 195.9810, -25.3520, -14.1200 by changing the saturation by 10% instead.

■ 195.9810,
-25.3520, -14.1200

■ 195.9810,
-25.3520, -14.1200

■ 255.0000, -0.0000,
-0.0000

■ 168.3940,
-25.0770, -13.5970

■ 244.2360,
-21.4560, -7.6320

■ 141.6930,
-24.4810, -13.3850

■ 252.6080, -4.7680,
-1.6960

■ 115.9920,
-23.8850, -13.1730

■ 91.1060, -24.2060,
-12.8620

■ 66.5190, -23.9310,
-12.3390

■ 42.4370, -26.6360,
-12.8760

■ 24.4380, -19.2090,

-9.8090

■ 5.6250, -3.4380,
-3.7740

■ 0.0000, 0.0000,
0.0000

■ 195.9810,
-25.3520, -14.1200

■ 195.9810,
-25.3520, -14.1200

■ 189.1320,
-36.2630, -20.1270

■ 202.8300,
-14.4410, -8.1130

■ 182.2830,
-47.1740, -26.1340

■ 209.6790, -3.5300,
-2.1060

■ 175.0210,
-58.3600, -32.6640

■ 216.9410, 7.6560,
4.4240

■ 168.1720,
-69.2710, -38.6710

■ 223.7900, 18.5670,
10.4310

■ 161.3230,
-80.1820, -44.6780

■ 226.4530, 21.1340,
13.4700

■ 154.4740,
-91.0930, -50.6850

■ 227.0230, 19.5290,
15.0250

■ 147.6250,
-102.0040, -56.6920

■ 227.5930, 17.9240,
16.5800

■ 142.6840,
-109.6600, -61.1160

■ 228.2770, 15.9980,
18.4460

■ 228.8470, 14.3930,
20.0010

Harmonies

Analogous

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



197.6530, -9.8090, -14.9690



195.9810, -25.3520, -14.1200



196.1250, -34.3850, -10.1050

Triad

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



195.9810, -25.3520, -14.1200



203.6700, -7.3380, 11.8460



203.3700, 28.1970, 1.1010

Complementary

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



195.9810, -25.3520, -14.1200



179.0190, 25.3520, 14.1200

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.



204.5970, 29.2960, 8.7200



195.9810, -25.3520, -14.1200



205.1620, 8.8920, 15.0680

Square

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



195.9810, -25.3520, -14.1200



200.7710, -23.9800, 5.0760



205.3500, 22.9220, 14.1060



201.4350, 20.4040, -6.3480

Rectangle

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



195.9810, -25.3520, -14.1200



196.9880, -35.2570, -5.3130



205.3500, 22.9220, 14.1060



203.7340, 30.1680, 3.9280

Sweetspot

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



195.9810, -25.3520, -14.1200



249.1620, -9.4440, -5.0600



195.3510, -6.3230, -23.0830



124.3690, -5.5930, -3.2650



0.0000, 0.0000, 0.0000



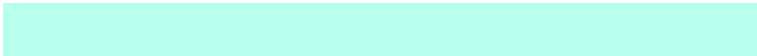
128.0000, -0.0000, -0.0000

Same Dimension

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



195.9810, -25.3520, -14.1200



231.7190, -36.5380, -20.6500



190.3050, -25.9040, -4.1120



103.3690, -5.5930, -3.2650



115.0830, -88.4340, -49.3140



29.0030, -22.4180, -12.2260

Inverse Universe

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



179.0190, 25.3520, 14.1200



207.1670, 36.8590, 20.3390



184.6950, 25.9040, 4.1120



99.6310, 5.5930, 3.2650



55.9170, 88.4340, 49.3140



14.1110, 22.0970, 12.5370

Previews

White Background



This preview shows how the YIQ color 195.9810, -25.3520, -14.1200 looks on a white background.

Color Contrast Check

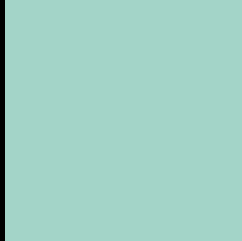
Large Text (above 18pt) WCAG AA × Fail

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 195.9810, -25.3520, -14.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

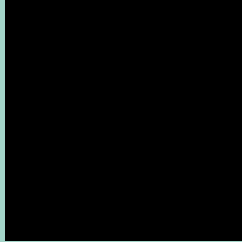
Any Text WCAG AA ✓ Pass

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 195.9810, -25.3520, -14.1200 Background



This preview shows how black text looks on a background with the YIQ color 195.9810, -25.3520, -14.1200.



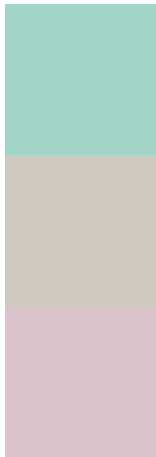
This preview shows how white text looks on a background with the YIQ color 195.9810, -25.3520, -14.1200.

-14.1200.

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

195.9810, -25.3520, -14.1200

Protanopia

201.9960, 5.8230, -0.9050

Deuteranopia

203.3870, 12.3320, 7.7880



Tritanopia

197.9780, -29.2970, -3.1930

Trichromacy



Original Color

195.9810, -25.3520, -14.1200

Protanomaly

199.7880, -5.4550, -5.7670

Deuteranomaly

200.5160, -1.5130, -0.1130

Tritanomaly

196.9410, -27.8750, -6.9390

Monochromacy



Original Color

195.9810, -25.3520, -14.1200

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0480, -9.1230, -5.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9810, -25.3520, -14.1200 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(163, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(163, 212, 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(163, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 212, 200) }
```

Border

The CSS property to change the border of an element to YIQ 195.9810, -25.3520, -14.1200 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(163, 212, 200) }
```


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

```
.border{ border-color:rgb(163, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(163, 212,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9810, -25.3520, -14.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 212, 200) }
```

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

```
.background{ background-color: rgb(163,  
212, 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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