

Converting Colors

YIQ(165.0250, -28.6520,
-20.3960)

Have a look what the booklet for
YIQ(165.0250, -28.6520, -20.3960)
contains.

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Color

**YIQ(165.0250, -28.6520,
-20.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBAA2
RGB	125, 186, 162
RGB Percent	49%, 73%, 64%
CMY	0.5100, 0.2705, 0.3648
CMYK	0.33, 0.00, 0.13, 0.27
HSL	156°, 31%, 61%
HSV	156°, 33%, 73%
XYZ	32.5352, 42.0933, 40.5811
YIQ	165.0250, -28.6520, -20.3960

Conversions

Conversions Part 2

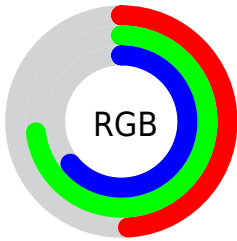
Format	Color
RYB	125, 163, 186
Decimal	8239778
CIELab	70.94, -24.96, 5.96
CIELCh	71, 25.658, 166.572
Yxy	42.0933, 0.2824, 0.3654
Android (android.graphics.Color)	4286429858 (0xFF7DBAA2)
YUV	165.0250, -1.4913, -35.1019
Hunter-Lab	64.8793, -24.0259, 8.3304

Details

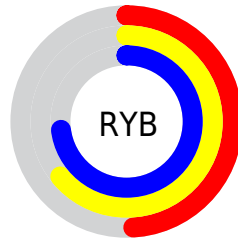
The YIQ color **165.0250, -28.6520, -20.3960** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **145.9750, 28.6520, 20.3960**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.3130, -29.5230, -21.1310**, and **112.4380, -28.3770, -19.8730** is the 20% darker color. If you saturate the color by 10%, you get **158.5460, -37.7290, -26.6010**, and if you desaturate by 10%, it is **171.5040, -19.5750, -14.1910**.

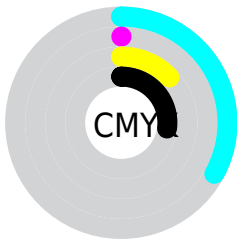
Distribution



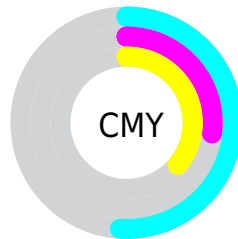
- Red (49%)
- Green (73%)
- Blue (64%)



- Red (49%)
- Yellow (64%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.0250, -28.6520, -20.3960 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 165.0250, -28.6520, -20.3960 by changing the saturation by 10% instead.

■ 165.0250,
-28.6520, -20.3960

■ 165.0250,
-28.6520, -20.3960

■ 255.0000, -0.0000,
-0.0000

■ 138.4380,
-28.3770, -19.8730

■ 220.3130,
-29.5230, -21.1310

■ 112.4380,
-28.3770, -19.8730

■ 239.5080,
-25.3980, -13.2860

■ 86.9650, -28.4230,
-19.0390

■ 249.3190,
-11.3240, -4.0280

■ 61.8830, -31.1280,
-19.5760

■ 39.3070, -29.3860,
-18.1060

■ 24.1130, -16.9160,
-12.8200

■ 3.5220, -1.6500,

-3.1380

■ 0.0000, 0.0000,
0.0000

■ 165.0250,
-28.6520, -20.3960

■ 165.0250,
-28.6520, -20.3960

■ 158.5460,
-37.7290, -26.6010

■ 171.5040,
-19.5750, -14.1910

■ 152.2520,
-45.8890, -32.9050

■ 177.7980,
-11.4150, -7.8870

■ 145.7730,
-54.9660, -39.1100

■ 184.2770, -2.3380,
-1.6820

■ 139.5930,
-63.4470, -45.1030

■ 190.4570, 6.1430,
4.3110

■ 133.0000,
-72.2030, -51.6190

■ 197.0500, 14.8990,
10.8270

■ 126.5210,
-81.2800, -57.8240

■ 203.5290, 23.9760,
17.0320

■ 122.0640,
-87.4230, -62.1350

■ 209.7090, 32.4570,
23.0250

■ 210.6210, 29.8890,
25.5130

■ 211.4190, 27.6420,
27.6900

Harmonies

Analogous

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



168.0570, -5.3150, -19.3230



165.0250, -28.6520, -20.3960



162.9660, -47.3590, -17.2710

Triad

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



165.0250, -28.6520, -20.3960



173.9660, -19.8550, 12.9210



175.1650, 39.2000, 5.4400

Complementary

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



165.0250, -28.6520, -20.3960



145.9750, 28.6520, 20.3960

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.



176.5920, 36.8600, 14.8120



165.0250, -28.6520, -20.3960



176.8720, 4.0770, 19.7330

Square

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



165.0250, -28.6520, -20.3960



169.0940, -41.1270, 1.9530



177.8220, 24.7090, 20.2690



173.7090, 31.3160, -5.8680

Rectangle

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



165.0250, -28.6520, -20.3960



162.9040, -52.8160, -11.9840



177.8220, 24.7090, 20.2690



175.5720, 39.6120, 8.9880

Sweetspot

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



165.0250, -28.6520, -20.3960



233.7980, -11.4150, -7.8870



167.9830, -2.4710, -26.8150



117.2440, -6.7390, -4.5230



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



165.0250, -28.6520, -20.3960



209.6760, -44.1470, -31.4350



164.2390, -34.7060, -9.7940



88.8530, -4.0800, -3.1520



102.2880, -73.0740, -52.3540



18.3740, -13.1570, -9.3570

Inverse Universe

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



145.9750, 28.6520, 20.3960



180.3240, 44.1470, 31.4350



146.7610, 34.7060, 9.7940



86.0330, 4.4010, 2.8410



53.5980, 73.3950, 52.0430



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 165.0250, -28.6520, -20.3960 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 165.0250, -28.6520, -20.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

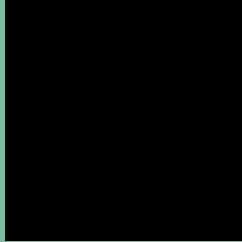
Any Text WCAG AA ✓ Pass

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 165.0250, -28.6520, -20.3960 Background



This preview shows how black text looks on a background with the YIQ color 165.0250, -28.6520, -20.3960.



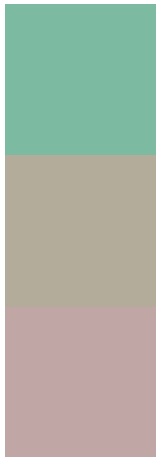
This preview shows how white text looks on a background with the YIQ color 165.0250, -28.6520,

-20.3960.

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

165.0250, -28.6520, -20.3960

Protanopia

172.4540, 10.2250, -3.5910

Deuteranopia

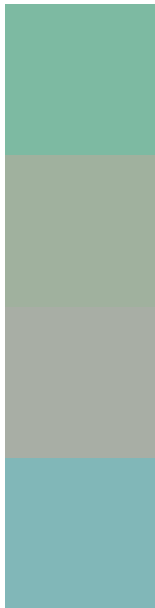
174.3610, 15.2210, 4.9890



Tritanopia

168.0590, -34.0190, -5.7230

Trichromacy



Original Color

165.0250, -28.6520, -20.3960

Protanomaly

169.7510, -4.0330, -9.5130

Deuteranomaly

171.1800, -0.6870, -4.0710

Tritanomaly

166.9680, -32.5050, -11.1370

Monochromacy



Original Color

165.0250, -28.6520, -20.3960

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0970, -10.8190, -7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.0250, -28.6520, -20.3960 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(125, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 186, 162)  
}
```

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(125, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 186, 162) }
```

Border

The CSS property to change the border of an element to YIQ 165.0250, -28.6520, -20.3960 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(125, 186, 162) }
```


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

```
.border{ border-color:rgb(125, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 186,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 165.0250, -28.6520, -20.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 186, 162) }
```

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

```
.background{ background-color: rgb(125,  
186, 162) }
```

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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