

Converting Colors

YIQ(165.6280, -8.6610,
-24.7650)

Have a look what the booklet for
YIQ(165.6280, -8.6610, -24.7650)
contains.

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Color

**YIQ(165.6280, -8.6610,
-24.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB885
RGB	142, 184, 133
RGB Percent	56%, 72%, 52%
CMY	0.4433, 0.2783, 0.4784
CMYK	0.23, 0.00, 0.28, 0.28
HSL	109°, 26%, 62%
HSV	109°, 28%, 72%
XYZ	32.5274, 41.7296, 28.5310
YIQ	165.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

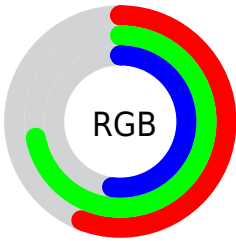
Format	Color
RYB	133, 184, 175
Decimal	9353349
CIELab	70.68, -23.90, 21.47
CIElCh	71, 32.131, 138.064
Yxy	41.7296, 0.3165, 0.4060
Android (android.graphics.Color)	4287543429 (0xFF8EB885)
YUV	165.6280, -16.0856, -20.7218
Hunter-Lab	64.5984, -23.1666, 19.0324

Details

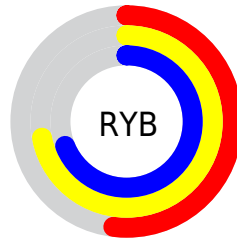
The YIQ color **165.6280, -8.6610, -24.7650** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **151.3720, 8.6610, 24.7650**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6880, -8.8900, -26.1220**, and **113.5680, -8.4320, -23.4080** is the 20% darker color. If you saturate the color by 10%, you get **159.0910, -11.8230, -33.5430**, and if you desaturate by 10%, it is **172.1650, -5.4990, -15.9870**.

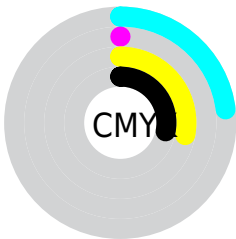
Distribution



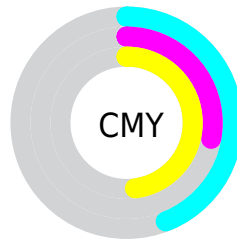
- Red (56%)
- Green (72%)
- Blue (52%)



- Red (52%)
- Yellow (72%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)



- Cyan (44%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.6280, -8.6610, -24.7650 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 165.6280, -8.6610, -24.7650 by changing the saturation by 10% instead.

■ 165.6280, -8.6610,
-24.7650

■ 165.6280, -8.6610,
-24.7650

■ 255.0000, -0.0000,
-0.0000

■ 139.1550, -8.7070,
-23.9310

■ 220.6880, -8.8900,
-26.1220

■ 113.5680, -8.4320,
-23.4080

■ 241.3560, -4.7190,
-19.1110

■ 88.2090, -8.7990,
-22.2630

■ 253.3330, 3.2560,
-3.9440

■ 64.3230, -9.1200,
-21.9520

■ 41.2520, -10.3580,
-21.5420

■ 21.1320, -9.9000,
-18.8280

■ 2.9350, -1.3750,

-2.6150

■ 0.0000, 0.0000,
0.0000

■ 165.6280, -8.6610,
-24.7650

■ 165.6280, -8.6610,
-24.7650

■ 159.0910,
-11.8230, -33.5430

■ 172.1650, -5.4990,
-15.9870

■ 152.4400,
-14.6640, -42.6320

■ 178.8160, -2.6580,
-6.8980

■ 145.6040,
-18.4220, -51.6220

■ 185.3530, 0.5040,
1.8800

■ 138.9530,
-21.2630, -60.7110

■ 192.3030, 3.9410,
11.1810

■ 132.4160,
-24.4250, -69.4890

■ 198.8400, 7.1030,
19.9590

■ 125.8790,
-27.5870, -78.2670

■ 205.3770, 10.2650,
28.7370

■ 119.2280,
-30.4280, -87.3560

■ 211.2300, 15.3530,
35.6490

■ 117.5760,
-31.5280, -89.4480

■ 213.3230, 19.5250,
37.1330

Harmonies

Analogous

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



169.5620, 18.0680, -19.0840



165.6280, -8.6610, -24.7650



160.5890, -39.2880, -25.8800

Triad

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



165.6280, -8.6610, -24.7650



165.8630, -53.5980, 2.1940



175.4900, 46.0750, 18.5150

Complementary

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



165.6280, -8.6610, -24.7650



151.3720, 8.6610, 24.7650

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.



177.1050, 31.4020, 25.6260



165.6280, -8.6610, -24.7650



173.6220, -24.5780, 15.9180

Square

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



165.6280, -8.6610, -24.7650



157.6120, -72.4850, -13.4530



176.7030, 6.2310, 24.7510



174.0690, 48.2780, 6.1180

Rectangle

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



165.6280, -8.6610, -24.7650



157.4760, -57.9030, -24.4230



176.7030, 6.2310, 24.7510



176.3310, 42.2690, 21.4130

Sweetspot

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



165.6280, -8.6610, -24.7650



233.0500, -3.4370, -9.3010



172.9030, 18.8460, -11.1540



115.6420, -2.1080, -5.8520



247.0000, -0.0000, -0.0000



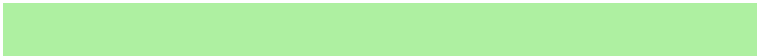
120.0000, -0.0000, -0.0000

Same Dimension

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



165.6280, -8.6610, -24.7650



211.2600, -13.9770, -38.5610



164.7610, -19.1610, -21.6970



88.5820, -1.8790, -4.4950



99.6450, -26.8080, -75.8640



17.9310, -4.7200, -13.5840

Inverse Universe

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



151.3720, 8.6610, 24.7650



189.4410, 13.3810, 38.3490



152.2390, 19.1610, 21.6970



86.1190, 1.2830, 4.2830



56.0560, 26.2120, 75.6520



10.0690, 4.7200, 13.5840

Previews

White Background



This preview shows how the YIQ color 165.6280, -8.6610, -24.7650 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 165.6280, -8.6610, -24.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

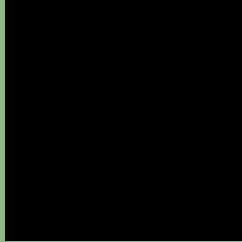
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.6280, -8.6610, -24.7650

Background



This preview shows how black text looks on a background with the YIQ color 165.6280, -8.6610, -24.7650.



This preview shows how white text looks on a background with the YIQ color 165.6280, -8.6610,

-24.7650.

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

165.6280, -8.6610, -24.7650

Protanopia

170.8710, 21.8720, -10.9280

Deuteranopia

173.1590, 30.1690, -1.5990



Tritanopia

171.1210, -19.3940, -0.9460

Trichromacy



Original Color

165.6280, -8.6610, -24.7650

Protanomaly

168.6630, 10.5940, -15.7900

Deuteranomaly

170.8750, 16.0490, -10.0230

Tritanomaly

169.2920, -15.8620, -9.8940

Monochromacy



Original Color

165.6280, -8.6610, -24.7650

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.0500, -3.4370, -9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.6280, -8.6610, -24.7650 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(142, 184, 133)` looks like.

```
.text, #text, p{  
    color:rgb(142, 184, 133)  
}
```

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(142, 184, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 184, 133) }
```

Border

The CSS property to change the border of an element to YIQ 165.6280, -8.6610, -24.7650 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(142, 184, 133) }
```


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

```
.border{ border-color:rgb(142, 184, 133) }
```

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

Here you see how a box with a 4 pixel rgb(142, 184, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 184, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 184, 133);  
box-shadow:4px 4px 4px 4px rgb(142, 184,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 165.6280, -8.6610, -24.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 184, 133) }
```

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

```
.background{ background-color: rgb(142,  
184, 133) }
```

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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