

Converting Colors

YIQ(78.9670, -65.1540, 13.3900)

Have a look what the booklet for
YIQ(78.9670, -65.1540, 13.3900)
contains.

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Color

**YIQ(78.9670, -65.1540,
13.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	1958AE
RGB	25, 88, 174
RGB Percent	10%, 35%, 68%
CMY	0.9020, 0.6548, 0.3180
CMYK	0.86, 0.49, 0.00, 0.32
HSL	215°, 75%, 39%
HSV	215°, 86%, 68%
XYZ	11.5241, 10.2430, 41.3717
YIQ	78.9670, -65.1540, 13.3900

Conversions

Conversions Part 2

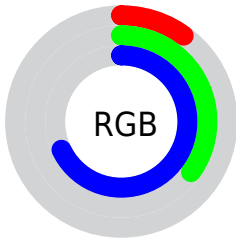
Format	Color
R_{YB}	25, 69, 174
Decimal	1661102
CIE _{Lab}	38.27, 13.53, -51.28
CIE _{LCh}	38, 53.036, 284.778
Yxy	10.2430, 0.1825, 0.1622
Android (android.graphics.Color)	4279851182 (0xFF1958AE)
YUV	78.9670, 46.8513, -47.3291
Hunter-Lab	32.0046, 8.2656, -54.2398

Details

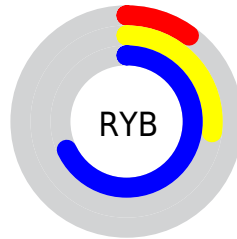
The YIQ color **78.9670, -65.1540, 13.3900** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **120.0330, 65.1540, -13.3900**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6420, -53.6930, 20.4430**, and **39.6220, -50.9410, 14.6190** is the 20% darker color. If you saturate the color by 10%, you get **68.0140, -72.5360, 15.0160**, and if you desaturate by 10%, it is **89.9200, -57.7720, 11.7640**.

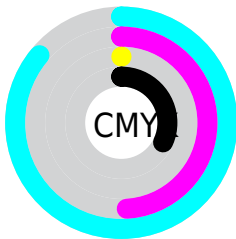
Distribution



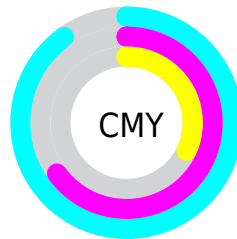
- Red (10%)
- Green (35%)
- Blue (68%)



- Red (10%)
- Yellow (27%)
- Blue (68%)



- Cyan (86%)
- Magenta (49%)
- Yellow (0%)
- Black (32%)



- Cyan (90%)
- Magenta (65%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.9670, -65.1540, 13.3900 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 78.9670, -65.1540, 13.3900 by changing the saturation by 10% instead.

■ 78.9670, -65.1540,
13.3900

■ 78.9670, -65.1540,
13.3900

■ 255.0000, -0.0000,
-0.0000

■ 54.9130, -65.0620,
11.7220

■ 135.6420,
-53.6930, 20.4430

■ 39.6220, -50.9410,
14.6190

■ 162.7240,
-50.9880, 20.9800

■ 25.5050, -37.3700,
16.4700

■ 187.5430,
-40.5330, 13.2190

■ 9.8550, -23.6160,
20.5120

■ 212.6500,
-30.9490, 4.7230

■ 7.8200, -16.5080,
12.8360

■ 238.0560,
-20.7690, -3.5610

■ 3.5510, -8.6210,
7.5630

■ 252.3090, -5.3640,

■ 0.0000, 0.0000,

-1.9080

0.0000

■ 78.9670, -65.1540,
13.3900

■ 78.9670, -65.1540,
13.3900

■ 68.0140, -72.5360,
15.0160

■ 89.9200, -57.7720,
11.7640

■ 63.2740, -76.2040,
15.4120

■ 101.1720,
-49.7940, 10.3500

■ 112.1250,
-42.4120, 8.7240

■ 123.3770,
-34.4340, 7.3100

■ 134.3300,
-27.0520, 5.6840

■ 145.2830,
-19.6700, 4.0580

■ 156.5350,
-11.6920, 2.6440

■ 167.4880, -4.3100,
1.0180

■ 178.7400, 3.6680,
-0.3960

Harmonies

Analogous

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



79.0090, -83.3080, 0.9800



78.9670, -65.1540, 13.3900



92.5260, 2.8360, 36.7240

Triad

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



78.9670, -65.1540, 13.3900



84.6860, 65.6540, 10.5980



70.9200, -50.8860, -35.9580

Complementary

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



78.9670, -65.1540, 13.3900



120.0330, 65.1540, -13.3900

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.



74.2060, -13.8850, -40.2290



78.9670, -65.1540, 13.3900



84.9330, 53.6920, -14.9160

Square

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



78.9670, -65.1540, 13.3900



82.9690, 64.3200, 34.7840



82.6750, 27.5150, -30.6050



76.6370, -65.6060, -22.4860

Rectangle

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



78.9670, -65.1540, 13.3900



89.3570, 31.3530, 43.0410



82.6750, 27.5150, -30.6050



68.6230, -45.7960, -40.1000

Sweetspot

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



78.9670, -65.1540, 13.3900



189.4010, -25.8140, 5.2740



122.0390, -67.9390, -51.8030



91.9090, -15.6810, 3.3510



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



78.9670, -65.1540, 13.3900



82.2300, -99.2670, 20.3890



44.9760, -41.8690, 48.4590



81.3740, -3.9890, 0.7070



54.6680, -65.7500, 13.1780



8.4920, -10.1330, 1.9230

Inverse Universe

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



76.7330, 68.5810, 51.1810



78.8170, 104.4760, 77.9800



154.0240, 41.8690, -48.4590



81.1470, 4.0800, 3.1520



52.1460, 68.8560, 51.7040



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 78.9670, -65.1540, 13.3900 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 78.9670, -65.1540, 13.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

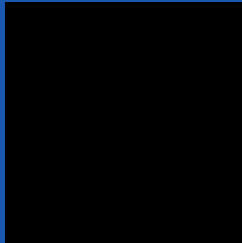
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.9670, -65.1540, 13.3900

Background



This preview shows how black text looks on a background with the YIQ color 78.9670, -65.1540, 13.3900.



This preview shows how white text looks on a background with the YIQ color 78.9670, -65.1540,

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

78.9670, -65.1540, 13.3900

Protanopia

82.7510, -55.6180, 16.7820

Deuteranopia

72.2440, -76.6600, 1.6440



Tritanopia

70.7840, -61.5260, -19.3340

Trichromacy



Original Color

78.9670, -65.1540, 13.3900

Protanomaly

81.2560, -58.5980, 15.7220

Deuteranomaly

74.9180, -72.6260, 5.6300

Tritanomaly

73.9770, -63.0870, -7.5590

Monochromacy



Original Color

78.9670, -65.1540, 13.3900

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.7710, -23.9800, 5.0760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.9670, -65.1540, 13.3900 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(25, 88, 174)` looks like.

```
.text, #text, p{  
    color:rgb(25, 88, 174)  
}
```

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(25, 88, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 88, 174) }
```

Border

The CSS property to change the border of an element to YIQ 78.9670, -65.1540, 13.3900 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(25, 88, 174) }
```


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

```
.border{ border-color:rgb(25, 88, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 88, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 88, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 88, 174);  
box-shadow:4px 4px 4px 4px rgb(25, 88,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 78.9670, -65.1540, 13.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 88, 174) }
```

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

```
.background{ background-color: rgb(25, 88,  
174) }
```

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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