

Converting Colors

YIQ(65.7150, 95.3550, 61.5550)

Have a look what the booklet for
YIQ(65.7150, 95.3550, 61.5550)
contains.

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Color

**YIQ(65.7150, 95.3550,
61.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	C30041
RGB	195, 0, 65
RGB Percent	76%, 0%, 25%
CMY	0.2348, 0.9999, 0.7448
CMYK	0.00, 1.00, 0.67, 0.23
HSL	340°, 100%, 38%
HSV	340°, 100%, 77%
XYZ	23.4955, 12.0019, 6.0920
YIQ	65.7150, 95.3550, 61.5550

Conversions

Conversions Part 2

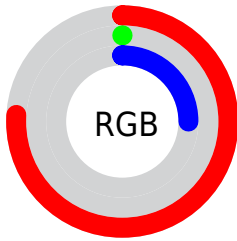
Format	Color
RYB	195, 0, 65
Decimal	12779585
CIELab	41.22, 67.17, 22.16
CIElCh	41, 70.726, 18.259
Yxy	12.0019, 0.5649, 0.2886
Android (android.graphics.Color)	4290969665 (0xFFC30041)
YUV	65.7150, -0.3525, 113.3829
Hunter-Lab	34.6437, 60.4328, 13.8246

Details

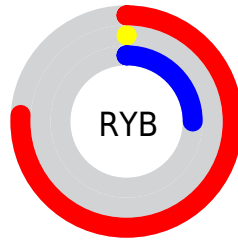
The YIQ color **65.7150, 95.3550, 61.5550** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **129.2850, -95.3550, -61.5550**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.3210, 92.9280, 44.9600**, and **42.5030, 71.5640, 35.6600** is the 20% darker color. If you saturate the color by 10%, you get **65.7150, 95.3550, 61.5550**, and if you desaturate by 10%, it is **78.9370, 85.6820, 55.1380**.

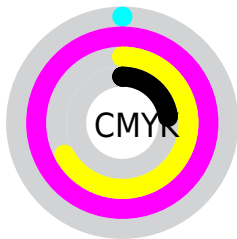
Distribution



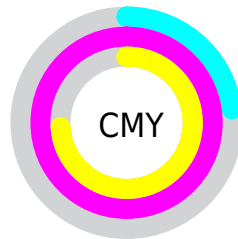
- Red (76%)
- Green (0%)
- Blue (25%)



- Red (76%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 65.7150, 95.3550, 61.5550 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 65.7150, 95.3550, 61.5550 by changing the saturation by 10% instead.


 65.7150, 95.3550,
61.5550


 65.7150, 95.3550,
61.5550


255.0000, -0.0000,
-0.0000


 53.9380, 83.9410,
48.1410


 138.3210, 92.9280,
44.9600


 42.5030, 71.5640,
35.6600


 158.8950, 76.3320,
37.3560


 30.7970, 61.3880,
21.8360

 178.8820, 60.0110,
30.2750

 22.4680, 43.1410,
16.6210

 198.9830, 43.3690,
23.5050

 12.6720, 24.7110,
9.2150

 219.1980, 26.4060,
17.0460

 0.0000, 0.0000,
0.0000

 240.0000, 9.1680,

10.0640

■ 65.7150, 95.3550,
61.5550

■ 78.9370, 85.6820,
55.1380

■ 91.5720, 76.2840,
49.2440

■ 104.7940, 66.6110,
42.8270

■ 117.4290, 57.2130,
36.9330

■ 130.6510, 47.5400,
30.5160

■ 143.2860, 38.1420,
24.6220

■ 156.5080, 28.4690,
18.2050

■ 169.1430, 19.0710,
12.3110

■ 182.3650, 9.3980,
5.8940

Harmonies

Analogous

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



72.2830, 70.8690, 75.8050



65.7150, 95.3550, 61.5550



85.4960, 89.4960, 8.0240

Triad

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



65.7150, 95.3550, 61.5550



67.5050, -31.6250, -60.1450



89.3250, -98.5770, 7.8790

Complementary

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



65.7150, 95.3550, 61.5550



129.2850, -95.3550, -61.5550

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.



91.4160, -92.0640, -5.5360



65.7150, 95.3550, 61.5550



78.6480, -56.1120, -40.3680

Square

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



65.7150, 95.3550, 61.5550



87.3490, 22.3810, -36.6830



86.0750, -75.6470, -22.2310



77.8300, -92.3890, 16.8830

Rectangle

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



65.7150, 95.3550, 61.5550



91.2340, 69.1420, -8.5700



86.0750, -75.6470, -22.2310



90.9890, -97.7510, 3.9210

Sweetspot

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



65.7150, 95.3550, 61.5550



202.2750, 36.6750, 23.6750



60.2030, 13.0970, 87.5690



97.4640, 22.6010, 14.4170



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.



65.7150, 95.3550, 61.5550



84.9240, 123.2280, 79.5480



75.3280, 108.2450, 26.1730



90.3320, 4.9970, 3.0530



54.2950, 78.6220, 50.9260



11.1210, 16.1370, 10.4170

Inverse Universe

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



65.7150, 95.3550, 61.5550



84.9240, 123.2280, 79.5480



119.6720, -108.2450, -26.1730



90.3320, 4.9970, 3.0530



54.2950, 78.6220, 50.9260



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 65.7150, 95.3550, 61.5550 looks on a white background.

Color Contrast Check

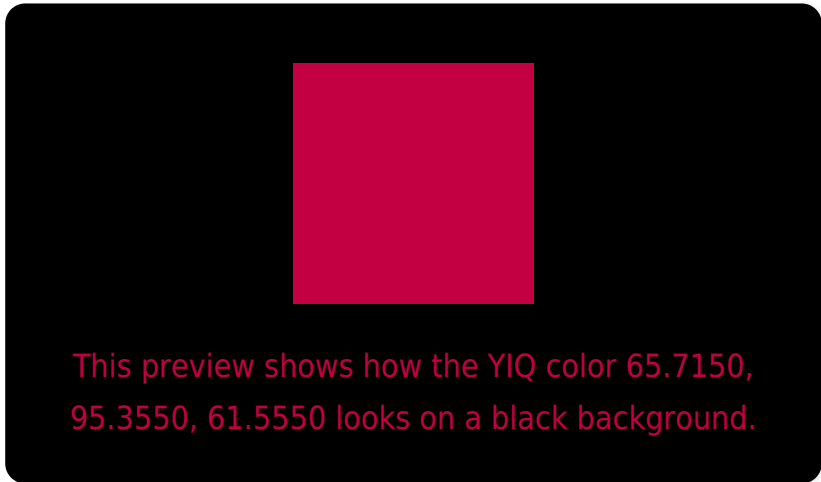
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 65.7150, 95.3550, 61.5550

Background



This preview shows how black text looks on a background with the YIQ color 65.7150, 95.3550, 61.5550.



This preview shows how white text looks on a background with the YIQ color 65.7150, 95.3550,

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

65.7150, 95.3550, 61.5550

Protanopia

99.5550, 2.7510, -0.2970

Deuteranopia

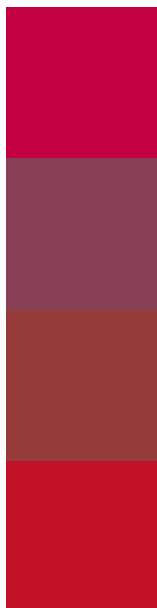
98.6270, 28.6110, -6.4050



Tritanopia

75.8900, 101.0910, 34.6830

Trichromacy



Original Color

65.7150, 95.3550, 61.5550

Protanomaly

87.3350, 36.4460, 22.3180

Deuteranomaly

86.4970, 53.3650, 18.5570

Tritanomaly

72.3170, 98.7510, 44.0550

Monochromacy



Original Color

65.7150, 95.3550, 61.5550

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.9650, 34.6120, 22.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.7150, 95.3550, 61.5550 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(195, 0, 65)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 65)  
}
```

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(195, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 65) }
```

Border

The CSS property to change the border of an element to YIQ 65.7150, 95.3550, 61.5550 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(195, 0, 65) }
```


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

```
.border{ border-color:rgb(195, 0, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 0, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(195, 0, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.7150, 95.3550, 61.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 65) }
```

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

```
.background{ background-color: rgb(195, 0,  
65) }
```

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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