

Converting Colors

YIQ(65.5040, 69.8230, 28.6630)

Have a look what the booklet for
YIQ(65.5040, 69.8230, 28.6630)
contains.

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Color

**YIQ(65.5040, 69.8230,
28.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	961C25
RGB	150, 28, 37
RGB Percent	59%, 11%, 15%
CMY	0.4115, 0.8904, 0.8546
CMYK	0.00, 0.81, 0.75, 0.41
HSL	356°, 69%, 35%
HSV	356°, 81%, 59%
XYZ	13.3406, 7.4533, 2.4914
YIQ	65.5040, 69.8230, 28.6630

Conversions

Conversions Part 2

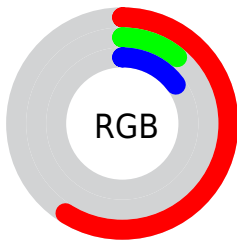
Format	Color
RYB	150, 28, 37
Decimal	9837605
CIELab	32.82, 49.43, 27.39
CIElCh	33, 56.507, 28.992
Yxy	7.4533, 0.5729, 0.3201
Android (android.graphics.Color)	4288027685 (0xFF961C25)
YUV	65.5040, -14.0525, 74.1030
Hunter-Lab	27.3007, 39.4487, 13.6997

Details

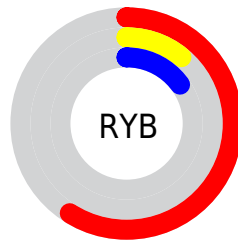
The YIQ color **65.5040, 69.8230, 28.6630** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **112.4960, -69.8230, -28.6630**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.3320, 76.0590, 25.7790**, and **27.2090, 54.2360, 19.2920** is the 20% darker color. If you saturate the color by 10%, you get **55.1030, 78.4420, 32.1540**, and if you desaturate by 10%, it is **75.9050, 61.2040, 25.1720**.

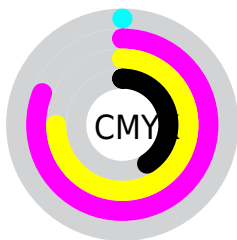
Distribution



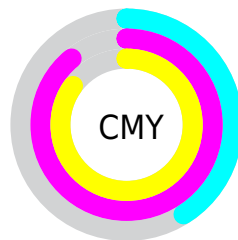
- Red (59%)
- Green (11%)
- Blue (15%)



- Red (59%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (75%)
- Black (41%)



- Cyan (41%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.5040, 69.8230, 28.6630 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 65.5040, 69.8230, 28.6630 by changing the saturation by 10% instead.

■ 65.5040, 69.8230,
28.6630

■ 65.5040, 69.8230,
28.6630

255.0000, -0.0000,
-0.0000

■ 37.8180, 66.0630,
30.7270

■ 122.3320, 76.0590,
25.7790

■ 27.2090, 54.2360,
19.2920

■ 149.8870, 78.8100,
25.4820

■ 18.9510, 37.2270,
13.6670

■ 172.7720, 71.7040,
22.1040

■ 9.6820, 18.7510,
7.0950

■ 192.2860, 55.3370,
15.8570

■ 0.0000, 0.0000,
0.0000

■ 211.8000, 38.9700,
9.6100

■ 231.9010, 22.3280,

2.8400

■ 252.2300, 5.0440,
-3.3080

■ 65.5040, 69.8230,
28.6630

■ 65.5040, 69.8230,
28.6630

■ 55.1030, 78.4420,
32.1540

■ 75.9050, 61.2040,
25.1720

■ 46.1040, 85.8690,
35.2210

■ 86.3060, 52.5850,
21.6810

■ 96.7070, 43.9660,
18.1900

■ 107.1080, 35.3470,
14.6990

■ 117.5090, 26.7280,
11.2080

■ 127.7960, 18.4300,
7.4060

■ 138.1970, 9.8110,
3.9150

■ 148.5980, 1.1920,
0.4240

■ 158.9990, -7.4270,
-3.0670

Harmonies

Analogous

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



61.1390, 61.5660, 51.6620



65.5040, 69.8230, 28.6630



70.8560, 61.7590, -1.4170

Triad

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



65.5040, 69.8230, 28.6630



57.5550, -33.9210, -40.5530



68.4600, -77.0280, 8.3160

Complementary

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



65.5040, 69.8230, 28.6630



112.4960, -69.8230, -28.6630

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.



72.1470, -75.0090, -0.7450



65.5040, 69.8230, 28.6630



64.7880, -50.1540, -27.1940

Square

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



65.5040, 69.8230, 28.6630



66.6170, 7.0670, -34.4770



70.0320, -64.9200, -12.8880



76.2600, -28.8900, 27.9900

Rectangle

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



65.5040, 69.8230, 28.6630



73.0940, 45.9890, -12.9790



70.0320, -64.9200, -12.8880



70.5800, -77.4860, 5.6020

Sweetspot

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



65.5040, 69.8230, 28.6630



163.5090, 26.7280, 11.2080



75.3960, 27.5900, 61.6860



79.6000, 16.0460, 6.5580



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



65.5040, 69.8230, 28.6630



63.0040, 109.9380, 45.0580



94.4150, 58.6870, -0.8090



69.0930, 4.1720, 1.4840



42.4020, 79.0380, 32.3660



3.1040, 5.6390, 2.4310

Inverse Universe

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



65.5040, 69.8230, 28.6630



63.0040, 109.9380, 45.0580



83.5850, -58.6870, 0.8090



69.0930, 4.1720, 1.4840



42.4020, 79.0380, 32.3660



3.1040, 5.6390, 2.4310

Previews

White Background



This preview shows how the YIQ color 65.5040, 69.8230, 28.6630 looks on a white background.

Color Contrast Check

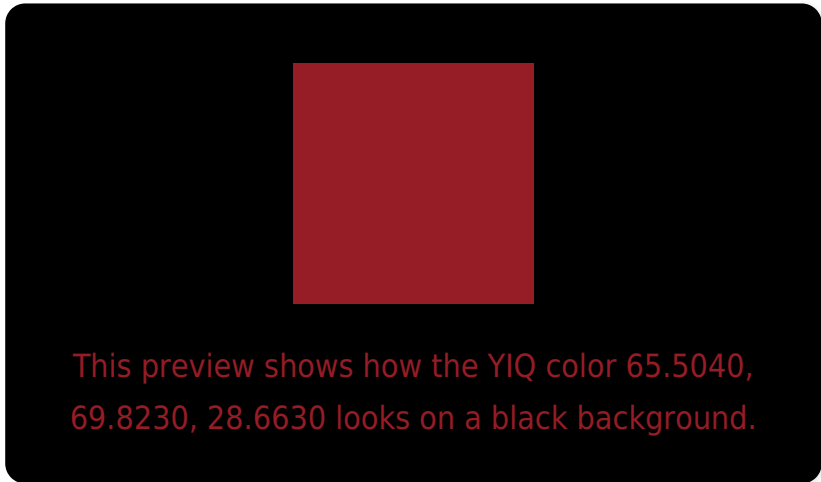
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 65.5040, 69.8230, 28.6630

Background



This preview shows how black text looks on a background with the YIQ color 65.5040, 69.8230, 28.6630.

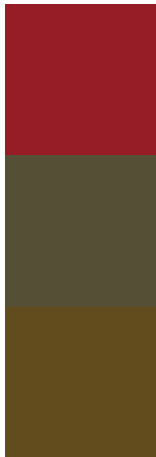


This preview shows how white text looks on a background with the YIQ color 65.5040, 69.8230,

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

65.5040, 69.8230, 28.6630

Protanopia

77.8300, 11.9220, -6.8140

Deuteranopia

76.6330, 28.4740, -9.4300



Tritanopia

65.1790, 72.1160, 25.6520

Trichromacy



Original Color

65.5040, 69.8230, 28.6630

Protanomaly

73.1690, 33.3770, 6.3450

Deuteranomaly

72.6770, 43.5100, 4.4220

Tritanomaly

65.5210, 71.1530, 26.5850

Monochromacy



Original Color

65.5040, 69.8230, 28.6630

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.7970, 25.8570, 10.4730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.5040, 69.8230, 28.6630 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(150, 28, 37)` looks like.

```
.text, #text, p{  
    color:rgb(150, 28, 37)  
}
```

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(150, 28, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 28, 37) }
```

Border

The CSS property to change the border of an element to YIQ 65.5040, 69.8230, 28.6630 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(150, 28, 37) }
```


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

```
.border{ border-color:rgb(150, 28, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 28, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 28, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 28, 37);  
box-shadow:4px 4px 4px 4px rgb(150, 28,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 65.5040, 69.8230, 28.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 28, 37) }
```

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

```
.background{ background-color: rgb(150, 28,  
37) }
```

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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