

Converting Colors

YIQ(72.5820, 78.3510, 28.2950)

Have a look what the booklet for
YIQ(72.5820, 78.3510, 28.2950)
contains.

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Color

**YIQ(72.5820, 78.3510,
28.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	A52122
RGB	165, 33, 34
RGB Percent	65%, 13%, 13%
CMY	0.3526, 0.8708, 0.8664
CMYK	0.00, 0.80, 0.79, 0.35
HSL	359°, 67%, 39%
HSV	359°, 80%, 65%
XYZ	16.3659, 9.2085, 2.4342
YIQ	72.5820, 78.3510, 28.2950

Conversions

Conversions Part 2

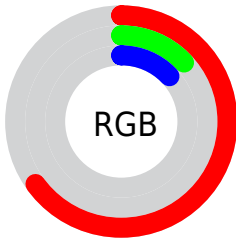
Format	Color
RYB	165, 33, 34
Decimal	10821922
CIELab	36.38, 52.38, 33.97
CIELCh	36, 62.432, 32.968
Yxy	9.2085, 0.5843, 0.3288
Android (android.graphics.Color)	4289012002 (0xFFA52122)
YUV	72.5820, -19.0209, 81.0506
Hunter-Lab	30.3456, 43.1638, 16.4859

Details

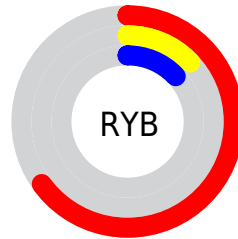
The YIQ color **72.5820, 78.3510, 28.2950** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **125.4180, -78.3510, -28.2950**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.2960, 84.9080, 25.1000**, and **31.3950, 62.5800, 22.2600** is the 20% darker color. If you saturate the color by 10%, you get **60.7790, 88.1620, 32.2100**, and if you desaturate by 10%, it is **83.7980, 68.8150, 24.9030**.

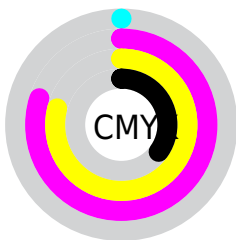
Distribution



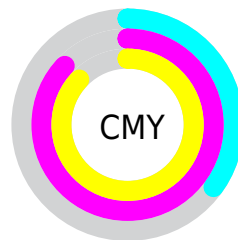
- Red (65%)
- Green (13%)
- Blue (13%)



- Red (65%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (79%)
- Black (35%)





- Cyan (35%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.5820, 78.3510, 28.2950 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 72.5820, 78.3510, 28.2950 by changing the saturation by 10% instead.


 72.5820, 78.3510,
28.2950


 72.5820, 78.3510,
28.2950


255.0000, -0.0000,
-0.0000


 41.8470, 76.2870,
32.6630


 130.2960, 84.9080,
25.1000


 31.3950, 62.5800,
22.2600

 157.3670, 86.1460,
24.6900


 22.4250, 44.7000,
15.9000

 176.0660, 70.6960,
18.3440

 14.5800, 27.9660,
10.7980

 195.4660, 54.6500,
11.7860

 0.0000, 0.0000,
0.0000

 215.5670, 38.0080,
5.0160

 235.7820, 21.0450,

-1.4430

■ 253.0620, 5.4570,
-5.2870

■ 72.5820, 78.3510,
28.2950

■ 72.5820, 78.3510,
28.2950

■ 60.7790, 88.1620,
32.2100

■ 83.7980, 68.8150,
24.9030

■ 49.4490, 98.0190,
35.2910

■ 95.7150, 58.6830,
21.2990

■ 106.9310, 49.1470,
17.9070

■ 118.8480, 39.0150,
14.3030

■ 130.0640, 29.4790,
10.9110

■ 141.8670, 19.6680,
6.9960

■ 153.7840, 9.5360,
3.3920

■ 165.0000, -0.0000,
-0.0000

■ 176.8030, -9.8110,
-3.9150

Harmonies

Analogous

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



60.8790, 74.4020, 61.3300



72.5820, 78.3510, 28.2950



79.4280, 65.8400, -3.7920

Triad

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



72.5820, 78.3510, 28.2950



65.1520, -40.1560, -43.1960



74.7350, -85.0520, 10.5640

Complementary

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



72.5820, 78.3510, 28.2950



125.4180, -78.3510, -28.2950

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.



79.9380, -84.5460, 1.3900



72.5820, 78.3510, 28.2950



72.3680, -57.7190, -27.7590

Square

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



72.5820, 78.3510, 28.2950



71.5790, 1.0620, -41.2900



78.0680, -73.7690, -12.2090



85.7110, -22.6100, 35.3260

Rectangle

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



72.5820, 78.3510, 28.2950



80.7580, 46.8150, -16.9370



78.0680, -73.7690, -12.2090



77.5560, -86.1060, 7.6380

Sweetspot

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



72.5820, 78.3510, 28.2950



178.2490, 30.3960, 10.8120



86.9180, 35.1080, 68.6120



85.2690, 18.4760, 6.5720



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



72.5820, 78.3510, 28.2950



70.4090, 121.8590, 43.7710



110.0360, 61.0720, -5.4880



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Inverse Universe

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



72.5820, 78.3510, 28.2950



70.4090, 121.8590, 43.7710



87.9640, -61.0720, 5.4880



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 72.5820, 78.3510, 28.2950 looks on a white background.

Color Contrast Check

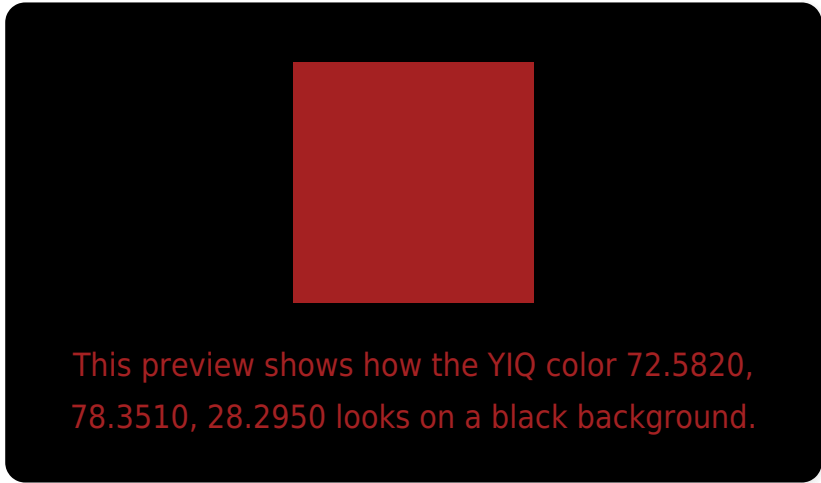
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.5820, 78.3510, 28.2950

Background



This preview shows how black text looks on a background with the YIQ color 72.5820, 78.3510, 28.2950.



This preview shows how white text looks on a background with the YIQ color 72.5820, 78.3510,

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

72.5820, 78.3510, 28.2950

Protanopia

85.3590, 17.5620, -9.9100

Deuteranopia

83.9340, 34.7560, -13.1480



Tritanopia

72.4680, 78.6720, 27.9840

Trichromacy



Original Color

72.5820, 78.3510, 28.2950

Protanomaly

80.5240, 39.5670, 4.2950

Deuteranomaly

79.8040, 50.3420, 1.7500

Tritanomaly

72.4680, 78.6720, 27.9840

Monochromacy



Original Color

72.5820, 78.3510, 28.2950

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.4660, 28.2870, 10.4870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.5820, 78.3510, 28.2950 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(165, 33, 34)` looks like.

```
.text, #text, p{  
    color:rgb(165, 33, 34)  
}
```

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(165, 33, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 33, 34) }
```

Border

The CSS property to change the border of an element to YIQ 72.5820, 78.3510, 28.2950 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(165, 33, 34) }
```


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

```
.border{ border-color:rgb(165, 33, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 33, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 33, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 33, 34);  
box-shadow:4px 4px 4px 4px rgb(165, 33,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 72.5820, 78.3510, 28.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 33, 34) }
```

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

```
.background{ background-color: rgb(165, 33,  
34) }
```

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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