

Converting Colors

YIQ(72.2520, 132.9070, 52.8030)

Have a look what the booklet for
YIQ(72.2520, 132.9070, 52.8030)
contains.

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Color

**YIQ(72.2520, 132.9070,
52.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	E8020F
RGB	232, 2, 15
RGB Percent	91%, 1%, 6%
CMY	0.0896, 0.9923, 0.9407
CMYK	0.00, 0.99, 0.93, 0.09
HSL	357°, 98%, 46%
HSV	357°, 99%, 91%
XYZ	33.4325, 17.2557, 2.0255
YIQ	72.2520, 132.9070, 52.8030

Conversions

Conversions Part 2

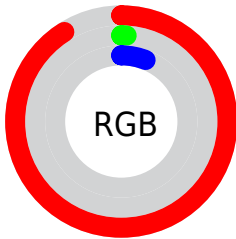
Format	Color
RYB	232, 2, 15
Decimal	15204879
CIELab	48.58, 74.59, 58.35
CIELCh	49, 94.700, 38.038
Yxy	17.2557, 0.6342, 0.3273
Android (android.graphics.Color)	4293394959 (0xFFE8020F)
YUV	72.2520, -28.2252, 140.0990
Hunter-Lab	41.5400, 70.9668, 26.1870

Details

The YIQ color **72.2520, 132.9070, 52.8030** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **161.7480, -132.9070, -52.8030**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6590, 105.8150, 26.1590**, and **49.6340, 98.9360, 35.1920** is the 20% darker color. If you saturate the color by 10%, you get **70.8500, 134.0990, 53.2270**, and if you desaturate by 10%, it is **88.2610, 119.5200, 47.6160**.

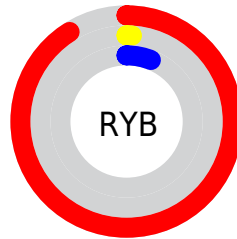
Distribution



Red (91%)

Green (1%)

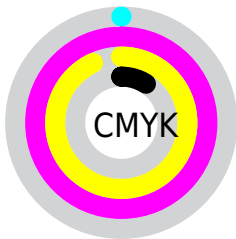
Blue (6%)



Red (91%)

Yellow (1%)

Blue (6%)

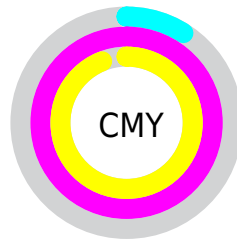


Cyan (0%)

Magenta (99%)

Yellow (93%)

Black (9%)



Cyan (9%)

Magenta (99%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2520, 132.9070, 52.8030 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 72.2520, 132.9070, 52.8030 by changing the saturation by 10% instead.

■ 72.2520, 132.9070,
52.8030

■ 72.2520, 132.9070,
52.8030

254.8860, 0.3210,
-0.3110

■ 59.5010, 118.6040,
42.1880

■ 137.6590,
105.8150, 26.1590

■ 49.6340, 98.9360,
35.1920

■ 158.7060, 89.2650,
17.7210

■ 39.7670, 79.2680,
28.1960

■ 179.1660, 72.9900,
9.8060

■ 30.4270, 59.5540,
22.0340

■ 199.2670, 56.3480,
3.0360

■ 21.9840, 41.6280,
16.5080

■ 219.9550, 39.4310,
-4.2570


■ 11.7750, 22.9230,
8.5790


■ 240.6430, 22.5140,


■ 0.0000, 0.0000,


-11.5500


0.0000

 251.5800, 9.6300,
-9.3300

 72.2520, 132.9070,
52.8030

 72.2520, 132.9070,
52.8030

 70.8500, 134.0990,
53.2270

 88.2610, 119.5200,
47.6160

 104.2700,
106.1330, 42.4290

 120.8660, 92.4710,
36.7190

 136.8750, 79.0840,
31.5320

 152.8840, 65.6970,
26.3450

■ 168.7790, 52.6310,
20.8470

■ 184.7880, 39.2440,
15.6600

■ 201.3840, 25.5820,
9.9500

■ 217.3930, 12.1950,
4.7630

Harmonies

Analogous

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



85.3240, 116.3500, 83.0540



72.2520, 132.9070, 52.8030



106.9820, 87.5270, -5.8570

Triad

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



72.2520, 132.9070, 52.8030



89.5270, -55.0540, -59.5500



100.0970, -115.1300, 16.0220

Complementary

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



72.2520, 132.9070, 52.8030



161.7480, -132.9070, -52.8030

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.



111.2500, -120.3550, 6.0850



72.2520, 132.9070, 52.8030



101.2060, -83.8060, -34.0620

Square

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



72.2520, 132.9070, 52.8030



79.8320, -37.4000, -71.1280



110.0980, -108.8440, -9.8040



114.2550, -20.1850, 62.9750

Rectangle

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



72.2520, 132.9070, 52.8030



108.5120, 55.8950, -27.3130



110.0980, -108.8440, -9.8040



104.7930, -117.3300, 11.8380

Sweetspot

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



72.2520, 132.9070, 52.8030



202.1800, 44.0120, 17.3560



92.5050, 54.3100, 117.1100



95.9820, 26.7740, 10.3740



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.



72.2520, 132.9070, 52.8030



77.9550, 147.1650, 58.7250



129.4700, 109.5800, -3.5400



109.2890, 6.5560, 2.3320



55.2590, 104.6660, 41.4820



16.4880, 31.2210, 12.3810

Inverse Universe

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



72.2520, 132.9070, 52.8030



77.9550, 147.1650, 58.7250



104.5300, -109.5800, 3.5400



109.2890, 6.5560, 2.3320



55.2590, 104.6660, 41.4820



16.4880, 31.2210, 12.3810

Previews

White Background



This preview shows how the YIQ color 72.2520, 132.9070, 52.8030 looks on a white background.

Color Contrast Check

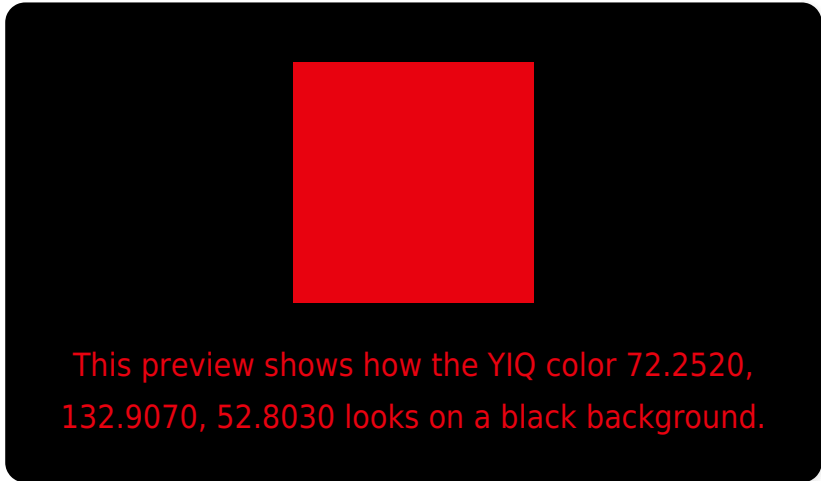
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2520, 132.9070, 52.8030

Background



This preview shows how black text looks on a background with the YIQ color 72.2520, 132.9070, 52.8030.



This preview shows how white text looks on a background with the YIQ color 72.2520, 132.9070,

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

72.2520, 132.9070, 52.8030

Protanopia

111.9520, 34.3450, -22.2230

Deuteranopia

109.4090, 57.6830, -26.6770

Trichromacy



Original Color

72.2520, 132.9070, 52.8030

Protanomaly

97.4490, 70.5150, 5.0990

Deuteranomaly

95.8820, 85.2330, 2.6810

Monochromacy



Original Color

72.2520, 132.9070, 52.8030

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2730, 48.1840, 18.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2520, 132.9070, 52.8030 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(232, 2, 15)` looks like.

```
.text, #text, p{  
    color:rgb(232, 2, 15)  
}
```

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(232, 2, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 2, 15) }
```

Border

The CSS property to change the border of an element to YIQ 72.2520, 132.9070, 52.8030 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(232, 2, 15) }
```

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

```
.border{ border-color:rgb(232, 2, 15) }
```

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

Here you see how a box with a 4 pixel rgb(232, 2, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 2, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 2, 15);  
box-shadow:4px 4px 4px 4px rgb(232, 2, 15)  
}
```


Background

The CSS property to change the background color of an element to YIQ 72.2520, 132.9070, 52.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 2, 15) }
```

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

```
.background{ background-color: rgb(232, 2,  
15) }
```

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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