

Converting Colors

YIQ(72.6950, 124.4700, 57.0300)

Have a look what the booklet for
YIQ(72.6950, 124.4700, 57.0300)
contains.

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Color

**YIQ(72.6950, 124.4700,
57.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	E30220
RGB	227, 2, 32
RGB Percent	89%, 1%, 13%
CMY	0.1093, 0.9923, 0.8740
CMYK	0.00, 0.99, 0.86, 0.11
HSL	352°, 98%, 45%
HSV	352°, 99%, 89%
XYZ	32.0062, 16.5002, 2.8730
YIQ	72.6950, 124.4700, 57.0300

Conversions

Conversions Part 2

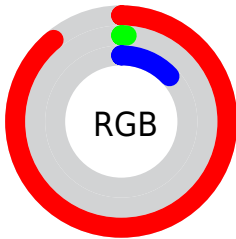
Format	Color
RYB	227, 2, 32
Decimal	14877216
CIELab	47.62, 73.62, 50.15
CIElCh	48, 89.078, 34.266
Yxy	16.5002, 0.6229, 0.3211
Android (android.graphics.Color)	4293067296 (0xFFE30220)
YUV	72.6950, -20.0626, 135.3255
Hunter-Lab	40.6204, 69.5603, 24.2408

Details

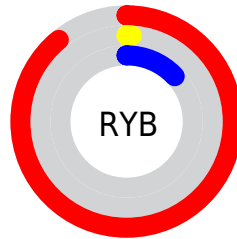
The YIQ color **72.6950, 124.4700, 57.0300** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **156.3050, -124.4700, -57.0300**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.6680, 101.5960, 31.0360**, and **48.4380, 96.5520, 34.3440** is the 20% darker color. If you saturate the color by 10%, you get **71.2930, 125.6620, 57.4540**, and if you desaturate by 10%, it is **88.4760, 111.7250, 51.2210**.

Distribution



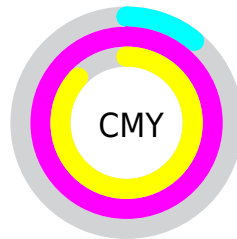
- Red (89%)
- Green (1%)
- Blue (13%)



- Red (89%)
- Yellow (1%)
- Blue (13%)



- Cyan (0%)
- Magenta (99%)
- Yellow (86%)
- Black (11%)





- Cyan (11%)
- Magenta (99%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.6950, 124.4700, 57.0300 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 72.6950, 124.4700, 57.0300 by changing the saturation by 10% instead.


 72.6950, 124.4700,
57.0300


 72.6950, 124.4700,
57.0300


255.0000, -0.0000,
-0.0000


 59.0320, 112.7350,
43.9270


 138.6680,
101.5960, 31.0360


 48.4380, 96.5520,
34.3440


 159.6010, 85.3670,
22.2870


 38.5710, 76.8840,
27.3480


 179.5880, 69.0460,
15.2060

 29.2310, 57.1700,
21.1860

 200.1620, 52.4500,
7.6020

 20.6740, 39.5650,
15.3490

 220.8500, 35.5330,
0.3090

 10.2800, 19.9430,
7.5190

 241.6520, 18.2950,

 0.0000, 0.0000,

-6.6730

0.0000

253.1760, 5.1360,
-4.9760

72.6950, 124.4700,
57.0300

72.6950, 124.4700,
57.0300

71.2930, 125.6620,
57.4540

88.4760, 111.7250,
51.2210

103.5560, 99.5760,
45.6240

119.3370, 86.8310,
39.8150

135.1180, 74.0860,
34.0060

150.7850, 61.6620,
27.8860

■ 165.9790, 49.1920,
22.6000

■ 181.7600, 36.4470,
16.7910

■ 197.4270, 24.0230,
10.6710

■ 212.6210, 11.5530,
5.3850

Harmonies

Analogous

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



83.2460, 107.8220, 83.4220



72.6950, 124.4700, 57.0300



104.3460, 89.4980, -3.0300

Triad

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



72.6950, 124.4700, 57.0300



86.1530, -51.0650, -60.2570



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.



72.6950, 124.4700, 57.0300



156.3050, -124.4700, -57.0300

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.



108.9190, -117.9250, 6.0990



72.6950, 124.4700, 57.0300



97.2620, -78.2120, -36.3240

Square

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



72.6950, 124.4700, 57.0300



88.5580, -12.7810, -60.2450



106.3990, -102.5620, -13.5220



111.8140, -32.4250, 53.5190

Rectangle

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



72.6950, 124.4700, 57.0300



106.4850, 60.5250, -23.1150



106.3990, -102.5620, -13.5220



104.2060, -117.0550, 12.3610

Sweetspot

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



72.6950, 124.4700, 57.0300



202.8640, 42.0860, 19.2220



84.7590, 41.6110, 110.4670



96.4380, 25.4900, 11.6180



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.



72.6950, 124.4700, 57.0300



80.1210, 141.0660, 64.6340



115.6480, 112.3750, 6.3830



106.8160, 6.5100, 3.1660



56.2570, 98.9800, 45.4120



16.0470, 28.1490, 12.9890

Inverse Universe

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



72.6950, 124.4700, 57.0300



80.1210, 141.0660, 64.6340



113.3520, -112.3750, -6.3830



106.8160, 6.5100, 3.1660



56.2570, 98.9800, 45.4120



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 72.6950, 124.4700, 57.0300 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 72.6950, 124.4700, 57.0300 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 72.6950, 124.4700, 57.0300

Background



This preview shows how black text looks on a background with the YIQ color 72.6950, 124.4700, 57.0300.



This preview shows how white text looks on a background with the YIQ color 72.6950, 124.4700,

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

72.6950, 124.4700, 57.0300

Protanopia

111.5200, 27.0540, -16.7380

Deuteranopia

107.3380, 56.4450, -26.2670



Tritanopia

79.9010, 128.9210, 36.9290

Trichromacy



Original Color

72.6950, 124.4700, 57.0300

Protanomaly

97.3050, 62.3530, 9.8490

Deuteranomaly

94.7830, 81.1980, 4.2220

Tritanomaly

77.1600, 126.9940, 44.3220

Monochromacy



Original Color

72.6950, 124.4700, 57.0300

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.7720, 45.3410, 20.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.6950, 124.4700, 57.0300 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(227, 2, 32)` looks like.

```
.text, #text, p{  
    color:rgb(227, 2, 32)  
}
```

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(227, 2, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 2, 32) }
```

Border

The CSS property to change the border of an element to YIQ 72.6950, 124.4700, 57.0300 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(227, 2, 32) }
```


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

```
.border{ border-color:rgb(227, 2, 32) }
```

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

Here you see how a box with a 4 pixel rgb(227, 2, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 2, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 2, 32);  
box-shadow:4px 4px 4px 4px rgb(227, 2, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.6950, 124.4700, 57.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 2, 32) }
```

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

```
.background{ background-color: rgb(227, 2,  
32) }
```

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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