

Converting Colors

YIQ(78.5960, 94.0720, 57.2720)

Have a look what the booklet for
YIQ(78.5960, 94.0720, 57.2720)
contains.

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Color

**YIQ(78.5960, 94.0720,
57.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1048
RGB	204, 16, 72
RGB Percent	80%, 6%, 28%
CMY	0.1995, 0.9374, 0.7173
CMYK	0.00, 0.92, 0.65, 0.20
HSL	342°, 86%, 43%
HSV	342°, 92%, 80%
XYZ	26.2921, 13.6920, 7.4024
YIQ	78.5960, 94.0720, 57.2720

Conversions

Conversions Part 2

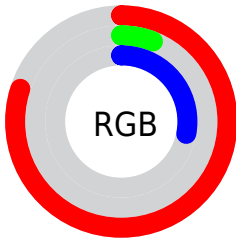
Format	Color
RYB	204, 16, 72
Decimal	13373512
CIELab	43.79, 68.08, 21.46
CIELCh	44, 71.380, 17.493
Yxy	13.6920, 0.5548, 0.2889
Android (android.graphics.Color)	4291563592 (0xFFCC1048)
YUV	78.5960, -3.2518, 109.9793
Hunter-Lab	37.0027, 62.0779, 14.0409

Details

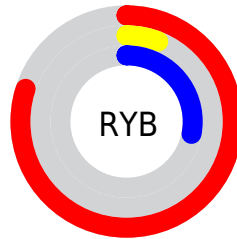
The YIQ color **78.5960, 94.0720, 57.2720** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **141.4040, -94.0720, -57.2720**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3420, 88.4350, 43.7870**, and **45.7640, 75.3230, 39.1230** is the 20% darker color. If you saturate the color by 10%, you get **67.9500, 102.0030, 62.2190**, and if you desaturate by 10%, it is **91.9320, 84.0780, 51.1660**.

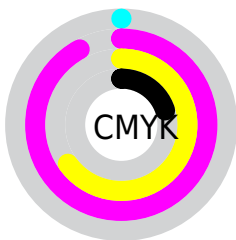
Distribution



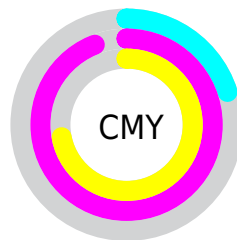
- Red (80%)
- Green (6%)
- Blue (28%)



- Red (80%)
- Yellow (6%)
- Blue (28%)



- Cyan (0%)
- Magenta (92%)
- Yellow (65%)
- Black (20%)





- Cyan (20%)
- Magenta (94%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 78.5960, 94.0720, 57.2720 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 78.5960, 94.0720, 57.2720 by changing the saturation by 10% instead.


 78.5960, 94.0720,
57.2720


 78.5960, 94.0720,
57.2720


255.0000, -0.0000,
-0.0000


 57.4270, 87.0580,
52.2260


 143.3420, 88.4350,
43.7870


 45.8780, 75.0020,
39.4340


 163.3290, 72.1140,
36.7060


 33.7590, 64.5510,
25.0870

 183.3160, 55.7930,
29.6250

 24.4470, 47.6340,
17.7940

 204.0040, 38.8760,
22.3320

 15.4770, 29.7540,
11.4340

 224.2190, 21.9130,
15.8730

 0.0000, 0.0000,
0.0000

 245.0210, 4.6750,

8.8910

■ 78.5960, 94.0720,
57.2720

■ 78.5960, 94.0720,
57.2720

■ 67.9500, 102.0030,
62.2190

■ 91.9320, 84.0780,
51.1660

■ 105.9690, 73.4880,
44.8480

■ 119.3050, 63.4940,
38.7420

■ 133.2280, 53.2250,
32.1130

■ 146.6780, 42.9100,
26.3180

■ 160.0140, 32.9160,
20.2120

■ 173.9370, 22.6470,
13.5830

■ 187.3870, 12.3320,
7.7880

■ 201.3100, 2.0630,
1.1590

Harmonies

Analogous

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



85.2670, 67.7980, 70.8860



78.5960, 94.0720, 57.2720



92.1480, 90.5960, 10.1160

Triad

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



78.5960, 94.0720, 57.2720



71.6140, -33.5500, -63.8060



94.4600, -103.3910, 7.0170

Complementary

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



78.5960, 94.0720, 57.2720



141.4040, -94.0720, -57.2720

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.



96.3230, -96.2360, -7.0200



78.5960, 94.0720, 57.2720



83.2130, -59.3210, -42.7850

Square

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



78.5960, 94.0720, 57.2720



93.2630, 25.4990, -38.1250



90.8680, -79.4980, -24.0260



82.9650, -97.2030, 16.0210

Rectangle

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



78.5960, 94.0720, 57.2720



96.8600, 73.1310, -9.2770



90.8680, -79.4980, -24.0260



96.0100, -102.2440, 2.7480

Sweetspot

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



78.5960, 94.0720, 57.2720



207.6230, 35.5750, 21.5830



76.9000, 18.3240, 86.4520



98.6380, 22.0510, 13.3710



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.



78.5960, 94.0720, 57.2720



84.9090, 127.5840, 77.6960



94.5180, 101.5980, 19.9820



95.3320, 4.9970, 3.0530



55.2200, 83.2070, 50.4310



12.6160, 19.1170, 11.4770

Inverse Universe

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



78.5960, 94.0720, 57.2720



84.9090, 127.5840, 77.6960



125.4820, -101.5980, -19.9820



95.3320, 4.9970, 3.0530



55.2200, 83.2070, 50.4310



12.6160, 19.1170, 11.4770

Previews

White Background



This preview shows how the YIQ color 78.5960, 94.0720, 57.2720 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 78.5960, 94.0720, 57.2720 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 78.5960, 94.0720, 57.2720

Background



This preview shows how black text looks on a background with the YIQ color 78.5960, 94.0720, 57.2720.



This preview shows how white text looks on a background with the YIQ color 78.5960, 94.0720,

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

78.5960, 94.0720, 57.2720

Protanopia

105.0110, 1.4670, 0.9470

Deuteranopia

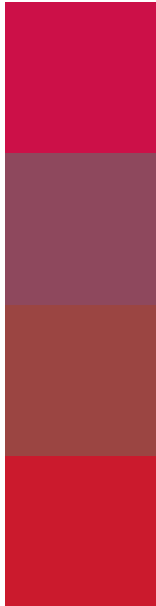
103.8550, 27.9690, -5.7830



Tritanopia

82.9010, 102.5580, 35.6300

Trichromacy



Original Color

78.5960, 94.0720, 57.2720

Protanomaly

95.3240, 34.9790, 21.3710

Deuteranomaly

94.3720, 52.2190, 17.2990

Tritanomaly

81.0890, 99.3930, 43.4330

Monochromacy



Original Color

78.5960, 94.0720, 57.2720

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.6120, 34.1080, 20.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.5960, 94.0720, 57.2720 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(204, 16, 72)` looks like.

```
.text, #text, p{  
    color:rgb(204, 16, 72)  
}
```

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(204, 16, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 16, 72) }
```

Border

The CSS property to change the border of an element to YIQ 78.5960, 94.0720, 57.2720 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(204, 16, 72) }
```


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

```
.border{ border-color:rgb(204, 16, 72) }
```

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

Here you see how a box with a 4 pixel rgb(204, 16, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 16, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 16, 72);  
box-shadow:4px 4px 4px 4px rgb(204, 16,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 78.5960, 94.0720, 57.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 16, 72) }
```

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

```
.background{ background-color: rgb(204, 16,  
72) }
```

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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