

Converting Colors

YIQ(118.7280, 75.0040, 28.3800)

Have a look what the booklet for
YIQ(118.7280, 75.0040, 28.3800)
contains.

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Color

**YIQ(118.7280, 75.0040,
28.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	D05054
RGB	208, 80, 84
RGB Percent	82%, 31%, 33%
CMY	0.1840, 0.6865, 0.6703
CMYK	0.00, 0.62, 0.60, 0.18
HSL	358°, 58%, 56%
HSV	358°, 62%, 82%
XYZ	30.5023, 19.7920, 10.6155
YIQ	118.7280, 75.0040, 28.3800

Conversions

Conversions Part 2

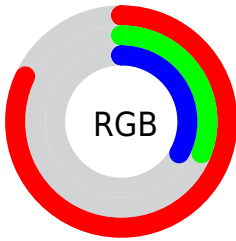
Format	Color
R_YB	208, 80, 84
Decimal	13652052
CIE Lab	51.60, 50.94, 24.50
CIE LCh	52, 56.525, 25.690
Yxy	19.7920, 0.5008, 0.3249
Android (android.graphics.Color)	4291842132 (0xFFD05054)
YUV	118.7280, -17.1209, 78.2915
Hunter-Lab	44.4882, 44.5304, 16.9943

Details

The YIQ color **118.7280, 75.0040, 28.3800** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **169.2720, -75.0040, -28.3800**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1790, 72.1160, 25.6520**, and **60.4380, 70.1890, 33.0450** is the 20% darker color. If you saturate the color by 10%, you get **104.1210, 87.1990, 33.1430**, and if you desaturate by 10%, it is **133.3350, 62.8090, 23.6170**.

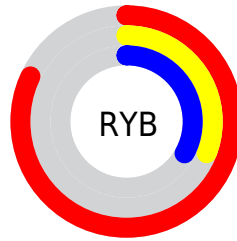
Distribution



Red (82%)

Green (31%)

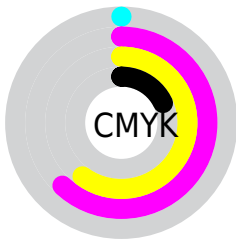
Blue (33%)



Red (82%)

Yellow (31%)

Blue (33%)

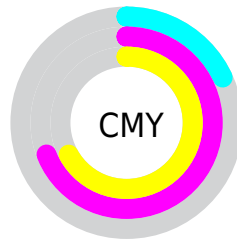


Cyan (0%)

Magenta (62%)

Yellow (60%)

Black (18%)



Cyan (18%)


Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7280, 75.0040, 28.3800 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 118.7280, 75.0040, 28.3800 by changing the saturation by 10% instead.


 118.7280, 75.0040,
28.3800

 118.7280, 75.0040,
28.3800


255.0000, -0.0000,
-0.0000


 90.7000, 72.2070,
29.5110


 170.1790, 72.1160,
25.6520


 60.4380, 70.1890,
33.0450


 189.5790, 56.0700,
19.0940

 37.4480, 64.2290,
30.9250


 209.0930, 39.7030,
12.8470

 26.6110, 53.0440,
18.8680

 229.1940, 23.0610,
6.0770

 18.7660, 36.3100,
13.7660

 249.5230, 5.7770,
-0.0710

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,

0.0000

■ 118.7280, 75.0040,
28.3800

■ 118.7280, 75.0040,
28.3800

■ 104.1210, 87.1990,
33.1430

■ 133.3350, 62.8090,
23.6170

■ 89.5140, 99.3940,
37.9060

■ 147.9420, 50.6140,
18.8540

■ 75.4940, 111.3140,
42.1460

■ 161.9620, 38.6940,
14.6140

■ 62.9900, 121.7210,
46.2730

■ 176.6830, 26.1780,
10.1620

■ 191.2900, 13.9830,
5.3990

■ 205.8970, 1.7880,
0.6360

■ 220.5040,
-10.4070, -4.1270

■ 234.5240,
-22.3270, -8.3670

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



120.9550, 58.9080, 44.7640



118.7280, 75.0040, 28.3800



119.1130, 71.3410, 1.1410

Triad

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



118.7280, 75.0040, 28.3800



100.0440, -39.9720, -46.5320



101.9770, -106.6450, -0.0930

Complementary

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



118.7280, 75.0040, 28.3800



169.2720, -75.0040, -28.3800

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.



105.7950, -103.6170, -10.9210



118.7280, 75.0040, 28.3800



98.1110, -76.4690, -40.3810

Square

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



118.7280, 75.0040, 28.3800



112.3870, 19.2180, -39.9340



103.8110, -92.5190, -24.8310



122.9760, -33.8420, 29.6300

Rectangle

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



118.7280, 75.0040, 28.3800



117.3160, 62.6790, -18.0970



103.8110, -92.5190, -24.8310



103.9830, -106.7820, -3.1180

Sweetspot

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



118.7280, 75.0040, 28.3800



222.9820, 26.7740, 10.3740



131.6680, 32.8160, 66.0960



107.7850, 16.9630, 6.4590



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.



118.7280, 75.0040, 28.3800



123.1950, 110.7180, 41.9340



153.4920, 59.7880, -4.2440



97.2890, 6.5560, 2.3320



50.8020, 98.5230, 37.1710



12.3730, 24.1150, 9.0030

Inverse Universe

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



118.7280, 75.0040, 28.3800



123.1950, 110.7180, 41.9340



134.5080, -59.7880, 4.2440



97.2890, 6.5560, 2.3320



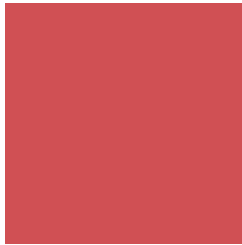
50.8020, 98.5230, 37.1710



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 118.7280, 75.0040, 28.3800 looks on a white 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

Black Background



This preview shows how the YIQ color 118.7280, 75.0040, 28.3800 looks on a black 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

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

YIQ 118.7280, 75.0040, 28.3800

Background



This preview shows how black text looks on a background with the YIQ color 118.7280, 75.0040, 28.3800.



This preview shows how white text looks on a background with the YIQ color 118.7280, 75.0040,

28.3800.

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

118.7280, 75.0040, 28.3800

Protanopia

122.8130, 10.5920, -4.7360

Deuteranopia

122.7090, 31.3160, -5.8680



Tritanopia

118.8420, 74.6830, 28.6910

Trichromacy



Original Color

118.7280, 75.0040, 28.3800

Protanomaly

120.9950, 33.9270, 7.3910

Deuteranomaly

120.9980, 47.0400, 6.5280

Tritanomaly

118.8420, 74.6830, 28.6910

Monochromacy



Original Color

118.7280, 75.0040, 28.3800

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8680, 27.0950, 10.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7280, 75.0040, 28.3800 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(208, 80, 84)` looks like.

```
.text, #text, p{  
    color:rgb(208, 80, 84)  
}
```

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(208, 80, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 80, 84) }
```

Border

The CSS property to change the border of an element to YIQ 118.7280, 75.0040, 28.3800 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(208, 80, 84) }
```


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

```
.border{ border-color:rgb(208, 80, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 80, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 80, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 80, 84);  
box-shadow:4px 4px 4px 4px rgb(208, 80,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7280, 75.0040, 28.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 80, 84) }
```

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

```
.background{ background-color: rgb(208, 80,  
84) }
```

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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