

Converting Colors

YIQ(112.7180, 80.9640, 30.5000)

Have a look what the booklet for
YIQ(112.7180, 80.9640, 30.5000)
contains.

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Color

**YIQ(112.7180, 80.9640,
30.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	D1474B
RGB	209, 71, 75
RGB Percent	82%, 28%, 29%
CMY	0.1801, 0.7218, 0.7056
CMYK	0.00, 0.66, 0.64, 0.18
HSL	358°, 60%, 55%
HSV	358°, 66%, 82%
XYZ	29.8407, 18.5758, 8.6839
YIQ	112.7180, 80.9640, 30.5000

Conversions

Conversions Part 2

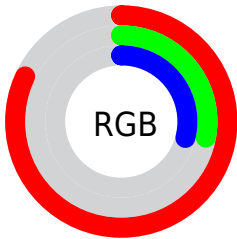
Format	Color
RYB	209, 71, 75
Decimal	13715275
CIELab	50.19, 54.54, 28.03
CIElCh	50, 61.319, 27.198
Yxy	18.5758, 0.5226, 0.3253
Android (android.graphics.Color)	4291905355 (0xFFD1474B)
YUV	112.7180, -18.5950, 84.4393
Hunter-Lab	43.0997, 48.1626, 18.2238

Details

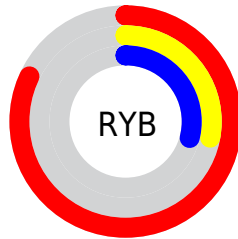
The YIQ color **112.7180, 80.9640, 30.5000** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **167.2820, -80.9640, -30.5000**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3430, 77.5260, 26.7260**, and **47.7860, 78.2570, 41.0170** is the 20% darker color. If you saturate the color by 10%, you get **98.1110, 93.1590, 35.2630**, and if you desaturate by 10%, it is **127.3250, 68.7690, 25.7370**.

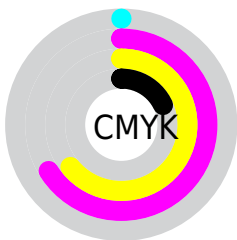
Distribution



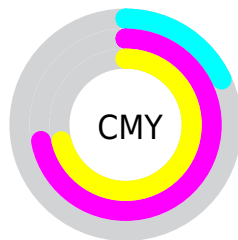
- Red (82%)
- Green (28%)
- Blue (29%)



- Red (82%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (64%)
- Black (18%)





- Cyan (18%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.7180, 80.9640, 30.5000 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 112.7180, 80.9640, 30.5000 by changing the saturation by 10% instead.


 112.7180, 80.9640,
30.5000

 112.7180, 80.9640,
30.5000


255.0000, -0.0000,
-0.0000


 83.2170, 78.1210,
32.4650


 164.3430, 77.5260,
26.7260


 47.7860, 78.2570,
41.0170


 183.7430, 61.4800,
20.1680


 36.3080, 67.4390,
27.8150


 203.1430, 45.4340,
13.6100

 26.3120, 52.4480,
18.6560

 223.3580, 28.4710,
7.1510

 18.5810, 35.3930,
13.8650

 243.5730, 11.5080,
0.6920

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 112.7180, 80.9640,
30.5000

■ 112.7180, 80.9640,
30.5000

■ 98.1110, 93.1590,
35.2630

■ 127.3250, 68.7690,
25.7370

■ 83.5040, 105.3540,
40.0260

■ 142.0460, 56.2530,
21.2850

■ 68.7830, 117.8700,
44.4780

■ 156.6530, 44.0580,
16.5220

■ 63.1750, 122.6380,
46.1740

■ 171.2600, 31.8630,
11.7590

■ 185.2800, 19.9430,
7.5190

■ 200.0010, 7.4270,
3.0670

■ 214.6080, -4.7680,
-1.6960

■ 229.2150,
-16.9630, -6.4590

■ 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

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



114.2380, 65.6010, 50.1210



112.7180, 80.9640, 30.5000



114.1690, 76.9350, -1.1210

Triad

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



112.7180, 80.9640, 30.5000



88.3190, -57.1640, -54.3480



100.0850, -106.8290, 3.2430

Complementary

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



112.7180, 80.9640, 30.5000



167.2820, -80.9640, -30.5000

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.



104.6040, -104.3970, -7.7970



112.7180, 80.9640, 30.5000



96.8230, -75.5980, -39.6460

Square

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



112.7180, 80.9640, 30.5000



105.3130, 22.0620, -47.4260



102.8650, -92.6110, -23.1630



119.6710, -34.3010, 32.4430

Rectangle

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



112.7180, 80.9640, 30.5000



112.4210, 66.5770, -22.6630



102.8650, -92.6110, -23.1630



102.7920, -107.5620, 0.0060

Sweetspot

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



112.7180, 80.9640, 30.5000



219.4770, 29.7540, 11.4340



126.4990, 34.9700, 71.1140



106.3830, 18.1550, 6.8830



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.



112.7180, 80.9640, 30.5000



114.7830, 117.8700, 44.4780



149.8300, 64.6480, -4.2160



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.



112.7180, 80.9640, 30.5000



114.7830, 117.8700, 44.4780



130.1700, -64.6480, 4.2160



97.2890, 6.5560, 2.3320



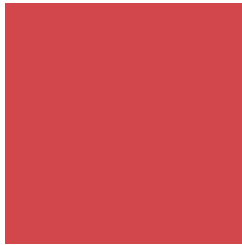
50.8020, 98.5230, 37.1710



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 112.7180, 80.9640, 30.5000 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 112.7180, 80.9640, 30.5000 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 112.7180, 80.9640, 30.5000

Background



This preview shows how black text looks on a background with the YIQ color 112.7180, 80.9640, 30.5000.



This preview shows how white text looks on a background with the YIQ color 112.7180, 80.9640,

30.5000.

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

112.7180, 80.9640, 30.5000

Protanopia

119.5420, 12.7930, -6.0790

Deuteranopia

118.3240, 33.8380, -7.5220



Tritanopia

112.7180, 80.9640, 30.5000

Trichromacy



Original Color

112.7180, 80.9640, 30.5000

Protanomaly

116.8490, 37.2740, 7.3060

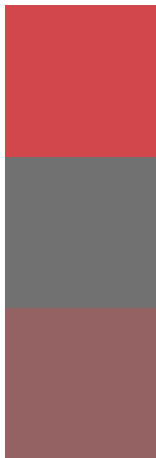
Deuteranomaly

116.1510, 50.9830, 6.6550

Tritanomaly

112.7180, 80.9640, 30.5000

Monochromacy



Original Color

112.7180, 80.9640, 30.5000

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0640, 29.4790, 10.9110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.7180, 80.9640, 30.5000 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(209, 71, 75)` looks like.

```
.text, #text, p{  
    color:rgb(209, 71, 75)  
}
```

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(209, 71, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 71, 75) }
```

Border

The CSS property to change the border of an element to YIQ 112.7180, 80.9640, 30.5000 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(209, 71, 75) }
```


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

```
.border{ border-color:rgb(209, 71, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 71, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 71, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 71, 75);  
box-shadow:4px 4px 4px 4px rgb(209, 71,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 112.7180, 80.9640, 30.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 71, 75) }
```

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

```
.background{ background-color: rgb(209, 71,  
75) }
```

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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