

Converting Colors

YIQ(142.3020, 58.4080, 20.7760)

Have a look what the booklet for
YIQ(142.3020, 58.4080, 20.7760)
contains.

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Color

**YIQ(142.3020, 58.4080,
20.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	D37171
RGB	211, 113, 113
RGB Percent	83%, 44%, 44%
CMY	0.1723, 0.5570, 0.5566
CMYK	0.00, 0.46, 0.46, 0.17
HSL	360°, 53%, 64%
HSV	360°, 46%, 83%
XYZ	35.7655, 26.8523, 18.9382
YIQ	142.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

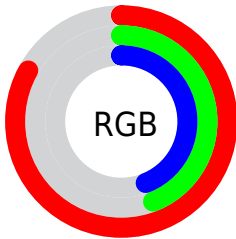
Format	Color
R _Y B	211, 113, 113
Decimal	13857137
CIE Lab	58.84, 38.40, 17.39
CIE LCh	59, 42.155, 24.362
Yxy	26.8523, 0.4385, 0.3292
Android (android.graphics.Color)	4292047217 (0xFFD37171)
YUV	142.3020, -14.4459, 60.2481
Hunter-Lab	51.8192, 32.5166, 14.6049

Details

The YIQ color **142.3020, 58.4080, 20.7760** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **181.6980, -58.4080, -20.7760**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.0840, 53.0900, 18.0340**, and **89.5510, 53.2730, 20.2250** is the 20% darker color. If you saturate the color by 10%, you get **127.5810, 70.9240, 25.2280**, and if you desaturate by 10%, it is **157.0230, 45.8920, 16.3240**.

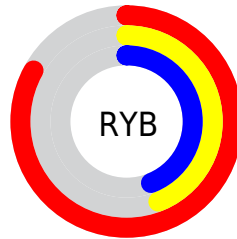
Distribution



Red (83%)

Green (44%)

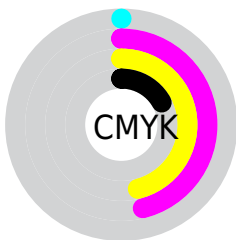
Blue (44%)



Red (83%)

Yellow (44%)

Blue (44%)

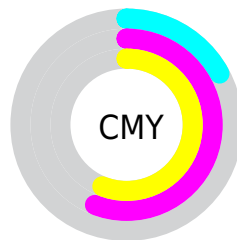


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.3020, 58.4080, 20.7760 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 142.3020, 58.4080, 20.7760 by changing the saturation by 10% instead.


 142.3020, 58.4080,
20.7760


 142.3020, 58.4080,
20.7760


255.0000, -0.0000,
-0.0000


 115.6330, 55.9780,
20.7620


 192.4970, 53.3650,
18.5570


 89.5510, 53.2730,
20.2250


 212.0110, 36.9980,
12.3100


 63.1100, 50.2010,
20.8330

 232.2260, 20.0350,
5.8510

 35.1470, 48.7790,
24.5790

 252.4410, 3.0720,
-0.6080

 20.9300, 41.7200,
14.8400

 13.5690, 26.4990,
9.8510

 0.0000, 0.0000,

0.0000

■ 142.3020, 58.4080,
20.7760

■ 142.3020, 58.4080,
20.7760

■ 127.5810, 70.9240,
25.2280

■ 157.0230, 45.8920,
16.3240

■ 112.8600, 83.4400,
29.6800

■ 171.7440, 33.3760,
11.8720

■ 98.1390, 95.9560,
34.1320

■ 186.4650, 20.8600,
7.4200

■ 83.4180, 108.4720,
38.5840

■ 201.1860, 8.3440,
2.9680

■ 68.1100, 121.2630,
43.5590

■ 215.9070, -4.1720,
-1.4840

■ 63.0890, 125.7560,
44.7320

■ 231.3290,
-17.2840, -6.1480

■ 241.8440,
-26.2240, -9.3280

Harmonies

Analogous

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



143.8510, 44.1010, 32.2690



142.3020, 58.4080, 20.7760



141.0390, 56.9900, 2.4140

Triad

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



142.3020, 58.4080, 20.7760



129.2410, -20.9930, -32.5530



129.0270, -74.5510, 1.9690

Complementary

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



142.3020, 58.4080, 20.7760



181.6980, -58.4080, -20.7760

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.



114.4860, -107.4210, -19.0770



142.3020, 58.4080, 20.7760



109.0820, -86.6930, -42.3170

Square

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



142.3020, 58.4080, 20.7760



135.7370, 15.7770, -27.1270



113.4140, -98.8910, -30.4990



143.1370, -24.3500, 22.8020

Rectangle

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



142.3020, 58.4080, 20.7760



139.8710, 48.2350, -9.6290



113.4140, -98.8910, -30.4990



112.8050, -109.5770, -13.0410

Sweetspot

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



142.3020, 58.4080, 20.7760



229.7640, 21.4560, 7.6320



152.8760, 25.7580, 50.8300



112.5780, 13.1120, 4.6640



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.



142.3020, 58.4080, 20.7760



154.7570, 85.2280, 30.3160



169.8910, 45.4830, -3.8050



97.2890, 6.5560, 2.3320



50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Inverse Universe

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



142.3020, 58.4080, 20.7760



154.7570, 85.2280, 30.3160



154.1090, -45.4830, 3.8050



97.2890, 6.5560, 2.3320



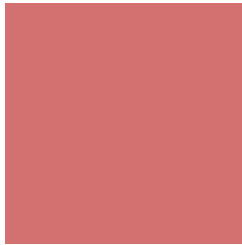
50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 142.3020, 58.4080, 20.7760 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 142.3020, 58.4080, 20.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

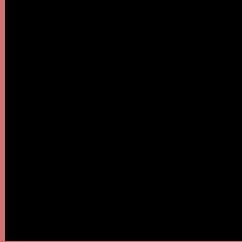
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.3020, 58.4080, 20.7760

Background



This preview shows how black text looks on a background with the YIQ color 142.3020, 58.4080, 20.7760.



This preview shows how white text looks on a background with the YIQ color 142.3020, 58.4080,

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

142.3020, 58.4080, 20.7760

Protanopia

142.0840, 8.3910, -3.3930

Deuteranopia

142.1910, 27.1430, -1.8250



Tritanopia

142.8120, 57.0320, 23.6880

Trichromacy



Original Color

142.3020, 58.4080, 20.7760

Protanomaly

141.9340, 26.7290, 5.6810

Deuteranomaly

142.3930, 38.5580, 6.0620

Tritanomaly

142.4700, 57.9950, 22.7550

Monochromacy



Original Color

142.3020, 58.4080, 20.7760

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.7640, 21.4560, 7.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3020, 58.4080, 20.7760 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(211, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(211, 113, 113)  
}
```

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(211, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 113, 113) }
```

Border

The CSS property to change the border of an element to YIQ 142.3020, 58.4080, 20.7760 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(211, 113, 113) }
```


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

```
.border{ border-color:rgb(211, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(211, 113,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3020, 58.4080, 20.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 113, 113) }
```

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

```
.background{ background-color: rgb(211,  
113, 113) }
```

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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