

Converting Colors

YIQ(120.2580, 88.0710, 28.3510)

Have a look what the booklet for
YIQ(120.2580, 88.0710, 28.3510)
contains.

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Color

**YIQ(120.2580, 88.0710,
28.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4E47
RGB	222, 78, 71
RGB Percent	87%, 31%, 28%
CMY	0.1291, 0.6943, 0.7212
CMYK	0.00, 0.65, 0.68, 0.13
HSL	3°, 70%, 57%
HSV	3°, 68%, 87%
XYZ	34.0110, 21.4395, 8.3221
YIQ	120.2580, 88.0710, 28.3510

Conversions

Conversions Part 2

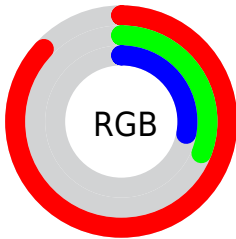
Format	Color
R_{YB}	222, 78, 71
Decimal	14569031
CIE Lab	53.43, 55.72, 34.83
CIE LCh	53, 65.707, 32.006
Yxy	21.4395, 0.5333, 0.3362
Android (android.graphics.Color)	4292759111 (0xFFDE4E47)
YUV	120.2580, -24.2842, 89.2277
Hunter-Lab	46.3028, 50.0843, 21.7556

Details

The YIQ color **120.2580, 88.0710, 28.3510** 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 **172.7420, -88.0710, -28.3510**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **168.5830, 76.6100, 21.2980**, and **56.2010, 84.2180, 37.6100** is the 20% darker color. If you saturate the color by 10%, you get **105.4230, 100.9080, 32.4920**, and if you desaturate by 10%, it is **135.0930, 75.2340, 24.2100**.

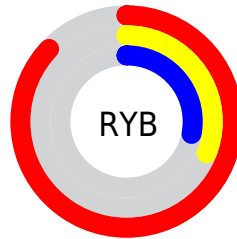
Distribution



Red (87%)

Green (31%)

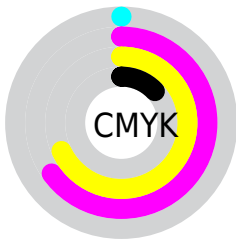
Blue (28%)



Red (87%)

Yellow (31%)

Blue (28%)

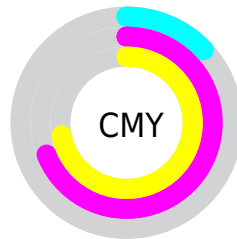


Cyan (0%)

Magenta (65%)

Yellow (68%)

Black (13%)



Cyan (13%)


Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.2580, 88.0710, 28.3510 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 120.2580, 88.0710, 28.3510 by changing the saturation by 10% instead.


 120.2580, 88.0710,
28.3510


 120.2580, 88.0710,
28.3510


255.0000, -0.0000,
-0.0000


 91.3440, 84.9530,
29.7930


 167.9960, 76.8850,
21.8210


 56.2010, 84.2180,
37.6100


 187.3960, 60.8390,
15.2630


 38.9130, 75.9210,
28.2810


 207.3830, 44.5180,
8.1820

 29.6010, 59.0040,
20.9880

 227.5980, 27.5550,
1.7230

 21.0440, 41.3990,
15.1510

 247.8130, 10.5920,
-4.7360

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 120.2580, 88.0710,
28.3510

■ 120.2580, 88.0710,
28.3510

■ 105.4230,
100.9080, 32.4920

■ 135.0930, 75.2340,
24.2100

■ 90.5880, 113.7450,
36.6330

■ 150.0420, 62.0760,
20.3800

■ 75.0520, 127.1780,
40.9860

■ 165.4640, 48.9640,
15.7160

■ 72.2480, 129.5620,
41.8340

■ 180.2990, 36.1270,
11.5750

■ 195.1340, 23.2900,
7.4340

■ 209.9690, 10.4530,
3.2930

■ 224.9180, -2.7050,
-0.5370

■ 240.3400,
-15.8170, -5.2010

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



120.0930, 76.3750, 53.1030



120.2580, 88.0710, 28.3510



120.8780, 81.8880, -8.2880

Triad

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



120.2580, 88.0710, 28.3510



95.5570, -63.7660, -55.8460



105.6590, -114.2570, 5.7030

Complementary

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



120.2580, 88.0710, 28.3510



172.7420, -88.0710, -28.3510

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.



112.2810, -113.6130, -5.9730



120.2580, 88.0710, 28.3510



104.6310, -83.8050, -39.5890

Square

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



120.2580, 88.0710, 28.3510



111.2580, 14.7270, -52.1610



111.0150, -101.7810, -22.1730



129.5630, -24.9490, 39.1710

Rectangle

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



120.2580, 88.0710, 28.3510



120.0740, 65.9360, -27.5680



111.0150, -101.7810, -22.1730



108.9530, -115.2650, 1.9430

Sweetspot

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



120.2580, 88.0710, 28.3510



220.4230, 29.8460, 9.7660



132.7930, 43.1300, 77.4180



106.8560, 18.2010, 6.0490



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.



120.2580, 88.0710, 28.3510



113.7740, 122.0890, 39.6010



163.6960, 67.7210, -10.3510



104.2890, 6.5560, 2.3320



57.3200, 102.6960, 33.1280



15.5260, 28.0580, 9.1300

Inverse Universe

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



172.7420, -88.0710, -28.3510



187.2260, -122.0890, -39.6010



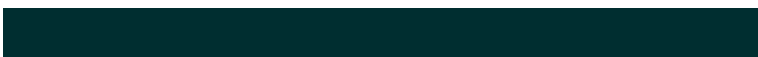
129.8910, -67.9960, 9.8280



108.7110, -6.5560, -2.3320



118.6800, -102.6960, -33.1280



32.4740, -28.0580, -9.1300

Previews

White Background



This preview shows how the YIQ color 120.2580, 88.0710, 28.3510 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 120.2580, 88.0710, 28.3510 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 120.2580, 88.0710, 28.3510

Background



This preview shows how black text looks on a background with the YIQ color 120.2580, 88.0710, 28.3510.



This preview shows how white text looks on a background with the YIQ color 120.2580, 88.0710,

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

120.2580, 88.0710, 28.3510

Protanopia

126.6580, 18.1580, -9.6980

Deuteranopia

126.0380, 40.3950, -10.7170



Tritanopia

121.1100, 85.7320, 32.1960

Trichromacy



Original Color

120.2580, 88.0710, 28.3510

Protanomaly

124.5630, 43.8310, 4.1110

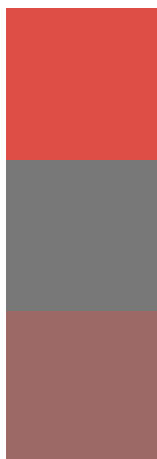
Deuteranomaly

123.8650, 57.5400, 3.4600

Tritanomaly

120.6540, 87.0160, 30.9520

Monochromacy



Original Color

120.2580, 88.0710, 28.3510

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2060, 31.9550, 10.0910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.2580, 88.0710, 28.3510 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(222, 78, 71)` looks like.

```
.text, #text, p{  
    color:rgb(222, 78, 71)  
}
```

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(222, 78, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 78, 71) }
```

Border

The CSS property to change the border of an element to YIQ 120.2580, 88.0710, 28.3510 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(222, 78, 71) }
```


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

```
.border{ border-color:rgb(222, 78, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 78, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 78, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 78, 71);  
box-shadow:4px 4px 4px 4px rgb(222, 78,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 120.2580, 88.0710, 28.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 78, 71) }
```

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

```
.background{ background-color: rgb(222, 78,  
71) }
```

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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