

Converting Colors

YIQ(119.2320, 100.1280,
35.6160)

Have a look what the booklet for
YIQ(119.2320, 100.1280, 35.6160)
contains.

YIQ(119.2320, 100.1280, 35.6160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(119.2320, 100.1280,
35.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4545
RGB	237, 69, 69
RGB Percent	93%, 27%, 27%
CMY	0.0702, 0.7296, 0.7290
CMYK	0.00, 0.71, 0.71, 0.07
HSL	360°, 82%, 60%
HSV	360°, 71%, 93%
XYZ	38.1602, 22.7006, 8.0171
YIQ	119.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

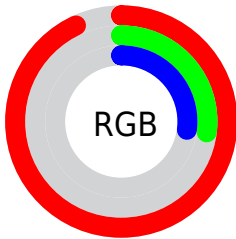
Format	Color
R_{YB}	237, 69, 69
Decimal	15549765
CIE Lab	54.76, 63.85, 38.18
CIE LCh	55, 74.392, 30.877
Yxy	22.7006, 0.5540, 0.3296
Android (android.graphics.Color)	4293739845 (0xFFED4545)
YUV	119.2320, -24.7644, 103.2825
Hunter-Lab	47.6451, 59.5863, 23.3750

Details

The YIQ color **119.2320, 100.1280, 35.6160** 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 **186.7680, -100.1280, -35.6160**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2460, 79.1770, 24.3370**, and **54.5770, 95.0830, 44.4510** is the 20% darker color. If you saturate the color by 10%, you get **102.4080, 114.4320, 40.7040**, and if you desaturate by 10%, it is **136.0560, 85.8240, 30.5280**.

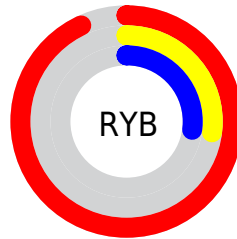
Distribution



Red (93%)

Green (27%)

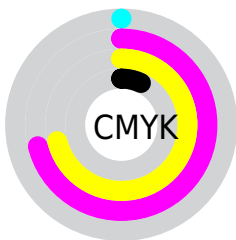
Blue (27%)



Red (93%)

Yellow (27%)

Blue (27%)

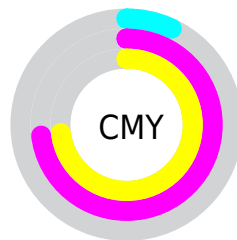


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (7%)



Cyan (7%)


Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.2320, 100.1280, 35.6160 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 119.2320, 100.1280, 35.6160 by changing the saturation by 10% instead.


 119.2320,
100.1280, 35.6160


 119.2320,
100.1280, 35.6160


255.0000, -0.0000,
-0.0000

 87.0840, 97.7890,
39.4610


 164.2460, 79.1770,
24.3370


 54.5770, 95.0830,
44.4510


 184.2330, 62.8560,
17.2560


 42.5720, 84.3110,
30.4150


 204.2200, 46.5350,
10.1750

 33.1890, 66.1560,
23.5320

 224.4350, 29.5720,
3.7160

 24.0340, 47.3590,
17.2710

 245.2370, 12.3340,
-3.2660

 15.4770, 29.7540,
11.4340

254.8860, 0.3210,

 0.0000, 0.0000,

-0.3110

0.0000

■ 119.2320,
100.1280, 35.6160

■ 119.2320,
100.1280, 35.6160

■ 102.4080,
114.4320, 40.7040

■ 136.0560, 85.8240,
30.5280

■ 86.2850, 128.1400,
45.5800

■ 152.1790, 72.1160,
25.6520

■ 70.8630, 141.2520,
50.2440

■ 169.0030, 57.8120,
20.5640

■ 185.8270, 43.5080,
15.4760

■ 202.0640, 29.4790,
10.9110

■ 218.7740, 15.4960,
5.5120

■ 235.5980, 1.1920,
0.4240

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



117.0440, 87.2390, 65.4710



119.2320, 100.1280, 35.6160



121.4680, 94.7260, -9.6740

Triad

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



119.2320, 100.1280, 35.6160



98.1670, -62.8480, -61.4720



110.6630, -120.0800, 6.6080

Complementary

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



119.2320, 100.1280, 35.6160



186.7680, -100.1280, -35.6160

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.



117.6270, -120.3990, -4.1350



119.2320, 100.1280, 35.6160



108.2670, -85.7760, -42.4160

Square

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



119.2320, 100.1280, 35.6160



113.2100, 14.6820, -56.8540



115.6770, -106.6410, -22.2010



132.0060, -33.3860, 43.3980

Rectangle

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



119.2320, 100.1280, 35.6160



123.3520, 71.0250, -26.1830



115.6770, -106.6410, -22.2010



114.1850, -121.7300, 3.4700

Sweetspot

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



119.2320, 100.1280, 35.6160



217.2600, 31.8630, 11.7590



137.4870, 44.4120, 87.2280



105.5680, 19.0720, 6.7840



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.



119.2320, 100.1280, 35.6160



102.8830, 129.3320, 46.0040



166.7790, 77.8530, -6.7470



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Inverse Universe

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



119.2320, 100.1280, 35.6160



102.8830, 129.3320, 46.0040



139.2210, -77.8530, 6.7470



109.2890, 6.5560, 2.3320



54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 119.2320, 100.1280, 35.6160 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 119.2320, 100.1280, 35.6160 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 119.2320, 100.1280, 35.6160

Background



This preview shows how black text looks on a background with the YIQ color 119.2320, 100.1280, 35.6160.



This preview shows how white text looks on a background with the YIQ color 119.2320, 100.1280,

35.6160.

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

119.2320, 100.1280, 35.6160

Protanopia

129.7290, 19.3960, -10.1080

Deuteranopia

128.8380, 43.8340, -12.4700



Tritanopia

119.5740, 99.1650, 36.5490

Trichromacy



Original Color

119.2320, 100.1280, 35.6160

Protanomaly

125.7810, 49.1490, 6.8530

Deuteranomaly

125.6270, 64.1420, 4.9580

Tritanomaly

119.4600, 99.4860, 36.2380

Monochromacy



Original Color

119.2320, 100.1280, 35.6160

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2390, 36.3560, 12.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2320, 100.1280, 35.6160 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(237, 69, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 69, 69)  
}
```

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(237, 69, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 69, 69) }
```

Border

The CSS property to change the border of an element to YIQ 119.2320, 100.1280, 35.6160 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(237, 69, 69) }
```


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

```
.border{ border-color:rgb(237, 69, 69) }
```

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

Here you see how a box with a 4 pixel rgb(237, 69, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 69, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 69, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 69,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2320, 100.1280, 35.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 69, 69) }
```

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

```
.background{ background-color: rgb(237, 69,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor