

Converting Colors

YIQ(116.8400, 95.3600, 33.9200)

Have a look what the booklet for
YIQ(116.8400, 95.3600, 33.9200)
contains.

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Color

**YIQ(116.8400, 95.3600,
33.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	E54545
RGB	229, 69, 69
RGB Percent	90%, 27%, 27%
CMY	0.1016, 0.7296, 0.7290
CMYK	0.00, 0.70, 0.70, 0.10
HSL	360°, 76%, 58%
HSV	360°, 70%, 90%
XYZ	35.5453, 21.3528, 7.8940
YIQ	116.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

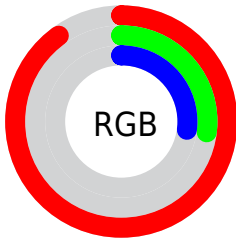
Format	Color
R _Y B	229, 69, 69
Decimal	15025477
CIE Lab	53.33, 61.38, 36.15
CIE LCh	53, 71.234, 30.492
Yxy	21.3528, 0.5486, 0.3296
Android (android.graphics.Color)	4293215557 (0xFFE54545)
YUV	116.8400, -23.5851, 98.3643
Hunter-Lab	46.2091, 56.4408, 22.2177

Details

The YIQ color **116.8400, 95.3600, 33.9200** 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 **181.1600, -95.3600, -33.9200**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2460, 79.1770, 24.3370**, and **52.4840, 90.9110, 42.9670** is the 20% darker color. If you saturate the color by 10%, you get **100.7170, 109.0680, 38.7960**, and if you desaturate by 10%, it is **132.9630, 81.6520, 29.0440**.

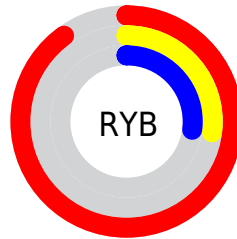
Distribution



Red (90%)

Green (27%)

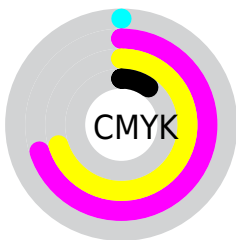
Blue (27%)



Red (90%)

Yellow (27%)

Blue (27%)

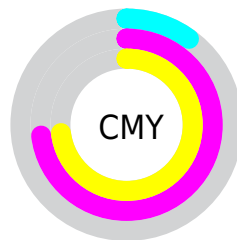


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (10%)



Cyan (10%)

Magenta (73%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.8400, 95.3600, 33.9200 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 116.8400, 95.3600, 33.9200 by changing the saturation by 10% instead.


 116.8400, 95.3600,
33.9200


 116.8400, 95.3600,
33.9200


255.0000, -0.0000,
-0.0000


 85.2790, 92.7460,
37.2420


 164.2460, 79.1770,
24.3370


 52.4840, 90.9110,
42.9670


 183.5320, 63.4520,
17.4680


 40.4790, 80.1390,
28.9310


 203.6330, 46.8100,
10.6980

 31.0960, 61.9840,
22.0480

 223.7340, 30.1680,
3.9280

 22.3540, 43.4620,
16.3100

 243.9490, 13.2050,
-2.5310

 13.5690, 26.4990,
9.8510

254.8860, 0.3210,

 0.0000, 0.0000,

-0.3110

0.0000

■ 116.8400, 95.3600,
33.9200

■ 116.8400, 95.3600,
33.9200

■ 100.7170,
109.0680, 38.7960

■ 132.9630, 81.6520,
29.0440

■ 84.5940, 122.7760,
43.6720

■ 149.0860, 67.9440,
24.1680

■ 68.4710, 136.4840,
48.5480

■ 165.2090, 54.2360,
19.2920

■ 181.3320, 40.5280,
14.4160

■ 196.8680, 27.0950,
10.0630

■ 212.8770, 13.7080,
4.8760

■ 229.0000, -0.0000,
-0.0000

■ 245.1230,
-13.7080, -4.8760

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



115.7720, 82.0130, 61.0610



116.8400, 95.3600, 33.9200



118.5000, 91.7000, -9.9000

Triad

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



116.8400, 95.3600, 33.9200



95.1180, -61.1520, -59.1680



107.8590, -117.6960, 7.4560

Complementary

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



116.8400, 95.3600, 33.9200



181.1600, -95.3600, -33.9200

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.



114.1390, -116.0890, -5.1530



116.8400, 95.3600, 33.9200



104.8760, -83.1170, -41.0450

Square

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



116.8400, 95.3600, 33.9200



109.9760, 15.4610, -54.4510



111.8300, -102.6980, -22.0740



127.7240, -32.6520, 41.1080

Rectangle

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



116.8400, 95.3600, 33.9200



120.0960, 68.8700, -25.6740



111.8300, -102.6980, -22.0740



111.1530, -118.7040, 3.6960

Sweetspot

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



116.8400, 95.3600, 33.9200



217.2600, 31.8630, 11.7590



134.1830, 42.2120, 83.0440



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.



116.8400, 95.3600, 33.9200



104.9860, 127.5440, 45.3680



162.0390, 74.1850, -6.3510



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Inverse Universe

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



116.8400, 95.3600, 33.9200



104.9860, 127.5440, 45.3680



135.9610, -74.1850, 6.3510



106.5880, 7.1520, 2.5440



53.5210, 106.6840, 37.9480



15.2490, 30.3960, 10.8120

Previews

White Background



This preview shows how the YIQ color 116.8400, 95.3600, 33.9200 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 116.8400, 95.3600, 33.9200 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 116.8400, 95.3600, 33.9200

Background



This preview shows how black text looks on a background with the YIQ color 116.8400, 95.3600, 33.9200.



This preview shows how white text looks on a background with the YIQ color 116.8400, 95.3600,

33.9200.

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

116.8400, 95.3600, 33.9200

Protanopia

126.6580, 18.1580, -9.6980

Deuteranopia

125.6960, 41.3580, -11.6500



Tritanopia

117.1820, 94.3970, 34.8530

Trichromacy



Original Color

116.8400, 95.3600, 33.9200

Protanomaly

123.2860, 46.1690, 5.7930

Deuteranomaly

122.6590, 61.1160, 4.7320

Tritanomaly

117.0680, 94.7180, 34.5420

Monochromacy



Original Color

116.8400, 95.3600, 33.9200

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.3420, 34.5680, 12.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.8400, 95.3600, 33.9200 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(229, 69, 69)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 69, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 69, 69) }
```

Border

The CSS property to change the border of an element to YIQ 116.8400, 95.3600, 33.9200 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(229, 69, 69) }
```


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

```
.border{ border-color:rgb(229, 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(229, 69, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 69, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 69, 69);  
box-shadow:4px 4px 4px 4px rgb(229, 69,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 116.8400, 95.3600, 33.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 69, 69) }
```

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

```
.background{ background-color: rgb(229, 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](#).

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