

Converting Colors

YIQ(112.8250, 108.8840,
42.1320)

Have a look what the booklet for
YIQ(112.8250, 108.8840, 42.1320)
contains.

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Color

**YIQ(112.8250, 108.8840,
42.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	F33840
RGB	243, 56, 64
RGB Percent	95%, 22%, 25%
CMY	0.0466, 0.7806, 0.7486
CMYK	0.00, 0.77, 0.74, 0.05
HSL	357°, 89%, 59%
HSV	357°, 77%, 95%
XYZ	39.3406, 22.2672, 7.0912
YIQ	112.8250, 108.8840, 42.1320

Conversions

Conversions Part 2

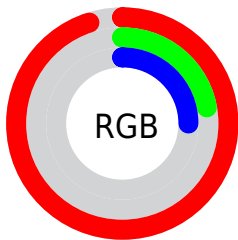
Format	Color
R_YB	243, 56, 64
Decimal	15939648
CIE Lab	54.31, 69.57, 40.76
CIE LCh	54, 80.626, 30.364
Yxy	22.2672, 0.5727, 0.3241
Android (android.graphics.Color)	4294129728 (0xFFFF33840)
YUV	112.8250, -24.0707, 114.1635
Hunter-Lab	47.1882, 66.2356, 24.1219

Details

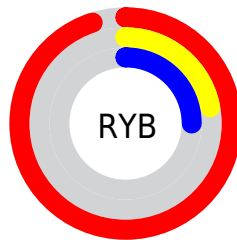
The YIQ color **112.8250, 108.8840, 42.1320** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **186.1750, -108.8840, -42.1320**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2790, 83.5780, 27.1780**, and **55.5020, 99.6680, 43.9560** is the 20% darker color. If you saturate the color by 10%, you get **96.1150, 122.8670, 47.5310**, and if you desaturate by 10%, it is **129.5350, 94.9010, 36.7330**.

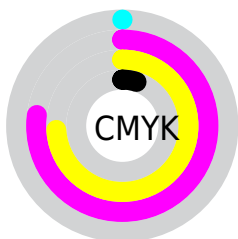
Distribution



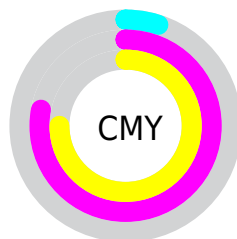
- Red (95%)
- Green (22%)
- Blue (25%)



- Red (95%)
- Yellow (22%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (74%)
- Black (5%)





- Cyan (5%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.8250, 108.8840, 42.1320 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 112.8250, 108.8840, 42.1320 by changing the saturation by 10% instead.


 112.8250,
108.8840, 42.1320


 112.8250,
108.8840, 42.1320


255.0000, -0.0000,
-0.0000


 70.8120, 110.8990,
55.1790


 158.2790, 83.5780,
27.1780


 55.6160, 99.3470,
44.2670


 178.8530, 66.9820,
19.5740


 43.9530, 87.6120,
31.1640


 198.8400, 50.6610,
12.4930

 34.3850, 68.5400,
24.3800

 219.0550, 33.6980,
6.0340

 25.3440, 49.4220,
18.4300

 239.8570, 16.4600,
-0.9480

 16.3740, 31.5420,
12.0700

 254.2020, 2.2470,

 1.4950, 2.9800,

-2.1770

1.0600

■ 0.0000, 0.0000,
0.0000

■ 112.8250,
108.8840, 42.1320

■ 112.8250,
108.8840, 42.1320

■ 96.1150, 122.8670,
47.5310

■ 129.5350, 94.9010,
36.7330

■ 78.8180, 137.1250,
53.4530

■ 146.9460, 80.3220,
31.1220

■ 73.9110, 141.2970,
54.9370

■ 163.6560, 66.3390,
25.7230

■ 180.3660, 52.3560,
20.3240

■ 197.0760, 38.3730,
14.9250

■ 214.4870, 23.7940,
9.3140

■ 231.1970, 9.8110,
3.9150

■ 247.9070, -4.1720,
-1.4840

■ 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



105.3370, 97.1400, 78.7720



112.8250, 108.8840, 42.1320



120.3160, 98.2100, -6.7340

Triad

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



112.8250, 108.8840, 42.1320



97.1410, -59.9590, -64.2710



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.



112.8250, 108.8840, 42.1320



186.1750, -108.8840, -42.1320

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.



119.1260, -123.2420, -2.1700



112.8250, 108.8840, 42.1320



108.0390, -85.1340, -43.0380

Square

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



112.8250, 108.8840, 42.1320



111.4160, 11.1060, -58.1260



116.0190, -107.6040, -21.2680



129.7650, -39.8970, 45.7590

Rectangle

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



112.8250, 108.8840, 42.1320



122.4770, 72.1710, -24.9250



116.0190, -107.6040, -21.2680



114.1850, -121.7300, 3.4700

Sweetspot

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



112.8250, 108.8840, 42.1320



213.9830, 34.2010, 13.4410



130.5400, 46.0610, 95.8930



102.8780, 21.1350, 7.9430



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.



112.8250, 108.8840, 42.1320



91.5190, 136.5290, 53.2410



161.2210, 88.3520, -4.2880



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Inverse Universe

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



112.8250, 108.8840, 42.1320



91.5190, 136.5290, 53.2410



137.7790, -88.3520, 4.2880



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 112.8250, 108.8840, 42.1320 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 112.8250, 108.8840, 42.1320 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 112.8250, 108.8840, 42.1320

Background



This preview shows how black text looks on a background with the YIQ color 112.8250, 108.8840, 42.1320.



This preview shows how white text looks on a background with the YIQ color 112.8250, 108.8840,

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

112.8250, 108.8840, 42.1320

Protanopia

128.6150, 19.7170, -10.4190

Deuteranopia

127.1540, 45.7600, -14.3360



Tritanopia

112.7280, 110.5350, 39.7430

Trichromacy



Original Color

112.8250, 108.8840, 42.1320

Protanomaly

122.8030, 52.0830, 8.7470

Deuteranomaly

121.6060, 68.6350, 6.1310

Tritanomaly

112.9560, 109.8930, 40.3650

Monochromacy



Original Color

112.8250, 108.8840, 42.1320

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.6740, 39.5650, 15.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.8250, 108.8840, 42.1320 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(243, 56, 64)` looks like.

```
.text, #text, p{  
    color:rgb(243, 56, 64)  
}
```

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(243, 56, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 56, 64) }
```

Border

The CSS property to change the border of an element to YIQ 112.8250, 108.8840, 42.1320 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(243, 56, 64) }
```


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

```
.border{ border-color:rgb(243, 56, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 56, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 56, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 56, 64);  
box-shadow:4px 4px 4px 4px rgb(243, 56,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 112.8250, 108.8840, 42.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 56, 64) }
```

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

```
.background{ background-color: rgb(243, 56,  
64) }
```

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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