

Converting Colors

YIQ(112.9970, 110.6750,
26.1870)

Have a look what the booklet for
YIQ(112.9970, 110.6750, 26.1870)
contains.

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Color

**YIQ(112.9970, 110.6750,
26.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4223
RGB	235, 66, 35
RGB Percent	92%, 26%, 14%
CMY	0.0781, 0.7414, 0.8623
CMYK	0.00, 0.72, 0.85, 0.08
HSL	9°, 83%, 53%
HSV	9°, 85%, 92%
XYZ	36.5424, 21.6890, 3.8597
YIQ	112.9970, 110.6750, 26.1870

Conversions

Conversions Part 2

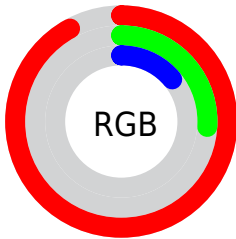
Format	Color
R_{YB}	235, 72, 35
Decimal	15417891
CIE _{Lab}	53.70, 63.16, 54.47
CIE _{LCh}	54, 83.400, 40.772
Yxy	21.6890, 0.5885, 0.3493
Android (android.graphics.Color)	4293607971 (0xFFEB4223)
YUV	112.9970, -38.4525, 106.9966
Hunter-Lab	46.5714, 58.5605, 27.6862

Details

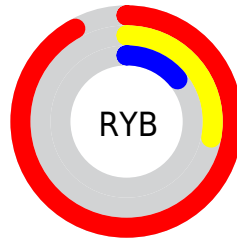
The YIQ color **112.9970, 110.6750, 26.1870** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **157.0030, -110.6750, -26.1870**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6090, 90.9160, 15.3320**, and **50.8300, 101.3200, 36.0400** is the 20% darker color. If you saturate the color by 10%, you get **98.6350, 123.5580, 29.4940**, and if you desaturate by 10%, it is **127.4730, 97.4710, 23.1910**.

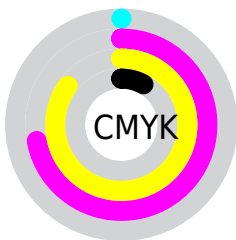
Distribution



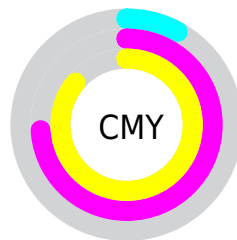
- Red (92%)
- Green (26%)
- Blue (14%)



- Red (92%)
- Yellow (28%)
- Blue (14%)



- Cyan (0%)
- Magenta (72%)
- Yellow (85%)
- Black (8%)





- Cyan (8%)
- Magenta (74%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.9970, 110.6750, 26.1870 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 112.9970, 110.6750, 26.1870 by changing the saturation by 10% instead.


 112.9970,
110.6750, 26.1870


 112.9970,
110.6750, 26.1870


255.0000, -0.0000,
-0.0000


 79.5070, 109.2990,
29.0990


 158.6090, 90.9160,
15.3320


 50.8300, 101.3200,
36.0400


 178.4820, 74.9160,
7.9400


 41.2620, 82.2480,
29.2560


 198.4690, 58.5950,
0.8590

 31.9930, 63.7720,
22.6840

 218.5700, 41.9530,
-5.9110

 23.2510, 45.2500,
16.9460

 238.7850, 24.9900,
-12.3700

 14.2810, 27.3700,
10.5860

 250.7820, 11.8770,

 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

112.9970,
110.6750, 26.1870

112.9970,
110.6750, 26.1870

98.6350, 123.5580,
29.4940

127.4730, 97.4710,
23.1910

91.3970, 130.1600,
30.9920

141.8350, 84.5880,
19.8840

156.3110, 71.3840,
16.8880

170.0860, 58.7760,
14.1040

184.5620, 45.5720,
11.1080

■ 198.9240, 32.6890,
7.8010

■ 213.4000, 19.4850,
4.8050

■ 227.7620, 6.6020,
1.4980

■ 242.2380, -6.6020,
-1.4980

Harmonies

Analogous

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



90.0680, 114.1950, 83.5630



112.9970, 110.6750, 26.1870



120.5160, 85.6030, -15.0450

Triad

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



112.9970, 110.6750, 26.1870



100.3500, -67.6170, -57.6410



104.7930, -117.3300, 11.8380

Complementary

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



112.9970, 110.6750, 26.1870



157.0030, -110.6750, -26.1870

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.



116.5330, -122.8300, 1.3780



112.9970, 110.6750, 26.1870



110.1880, -92.5630, -35.0510

Square

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



112.9970, 110.6750, 26.1870



98.5370, -17.4560, -69.1360



117.4670, -114.4370, -13.0690



130.2640, -7.2090, 59.0870

Rectangle

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



112.9970, 110.6750, 26.1870



120.0080, 57.1340, -33.2500



117.4670, -114.4370, -13.0690



110.0760, -119.8050, 7.1310

Sweetspot

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



112.9970, 110.6750, 26.1870



214.6040, 36.5860, 8.7620



114.1800, 64.6300, 95.2700



103.4820, 22.1900, 5.3420



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.



112.9970, 110.6750, 26.1870



99.1380, 141.2550, 33.6630



171.1100, 83.4500, -25.5900



109.8760, 6.2810, 1.8090



70.5550, 100.1760, 23.7280



20.8420, 29.9840, 7.2640

Inverse Universe

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



157.0030, -110.6750, -26.1870



155.8620, -141.2550, -33.6630



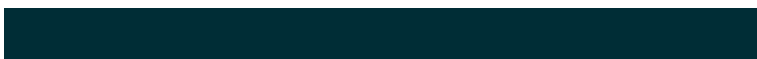
98.8900, -83.4500, 25.5900



112.5370, -6.0060, -1.2860



110.4450, -100.1760, -23.7280



32.5710, -29.7090, -6.7410

Previews

White Background



This preview shows how the YIQ color 112.9970, 110.6750, 26.1870 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 112.9970, 110.6750, 26.1870 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 112.9970, 110.6750, 26.1870

Background



This preview shows how black text looks on a background with the YIQ color 112.9970, 110.6750, 26.1870.



This preview shows how white text looks on a background with the YIQ color 112.9970, 110.6750,

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

112.9970, 110.6750, 26.1870

Protanopia

124.5930, 33.9780, -21.0780

Deuteranopia

120.3510, 63.5980, -29.2500



Tritanopia

114.9550, 102.4660, 37.2980

Trichromacy



Original Color

112.9970, 110.6750, 26.1870

Protanomaly

120.2750, 61.8970, -3.9190

Deuteranomaly

117.8670, 80.4210, -9.2350

Tritanomaly

114.2880, 105.7220, 33.3540

Monochromacy



Original Color

112.9970, 110.6750, 26.1870

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9850, 39.8870, 9.5110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.9970, 110.6750, 26.1870 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(235, 66, 35)` looks like.

```
.text, #text, p{  
    color:rgb(235, 66, 35)  
}
```

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(235, 66, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 66, 35) }
```

Border

The CSS property to change the border of an element to YIQ 112.9970, 110.6750, 26.1870 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(235, 66, 35) }
```


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

```
.border{ border-color:rgb(235, 66, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 66, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 66, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 66, 35);  
box-shadow:4px 4px 4px 4px rgb(235, 66,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 112.9970, 110.6750, 26.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 66, 35) }
```

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

```
.background{ background-color: rgb(235, 66,  
35) }
```

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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