

Converting Colors

YIQ(114.1450, 113.0140,
22.3420)

Have a look what the booklet for
YIQ(114.1450, 113.0140, 22.3420)
contains.

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Color

**YIQ(114.1450, 113.0140,
22.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	EC451B
RGB	236, 69, 27
RGB Percent	93%, 27%, 11%
CMY	0.0741, 0.7296, 0.8936
CMYK	0.00, 0.71, 0.89, 0.07
HSL	12°, 85%, 52%
HSV	12°, 89%, 93%
XYZ	36.9466, 22.1764, 3.3775
YIQ	114.1450, 113.0140, 22.3420

Conversions

Conversions Part 2

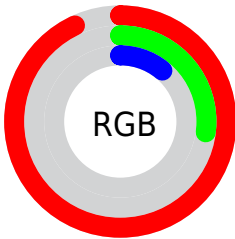
Format	Color
RYB	236, 80, 27
Decimal	15484187
CIELab	54.21, 62.26, 58.22
CIELCh	54, 85.239, 43.077
Yxy	22.1764, 0.5911, 0.3548
Android (android.graphics.Color)	4293674267 (0xFFEC451B)
YUV	114.1450, -42.9625, 106.8668
Hunter-Lab	47.0918, 57.6342, 28.7118

Details

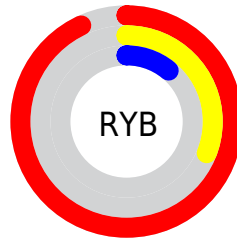
The YIQ color **114.1450, 113.0140, 22.3420** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **148.8550, -113.0140, -22.3420**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6860, 92.0170, 11.8970**, and **51.1290, 101.9160, 36.2520** is the 20% darker color. If you saturate the color by 10%, you get **100.3700, 125.6220, 25.1260**, and if you desaturate by 10%, it is **128.0340, 100.0850, 19.8690**.

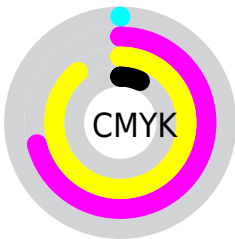
Distribution



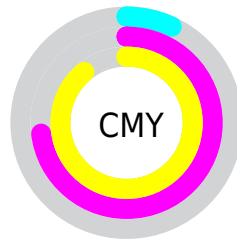
- Red (93%)
- Green (27%)
- Blue (11%)



- Red (93%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (89%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.1450, 113.0140, 22.3420 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 114.1450, 113.0140, 22.3420 by changing the saturation by 10% instead.


 114.1450,
113.0140, 22.3420


 114.1450,
113.0140, 22.3420


255.0000, -0.0000,
-0.0000


 81.8290, 111.0880,
24.2080


 159.6860, 92.0170,
11.8970


 51.1290, 101.9160,
36.2520


 178.9720, 76.2920,
5.0280


 41.5610, 82.8440,
29.4680


 198.9590, 59.9710,
-2.0530

 32.2920, 64.3680,
22.8960

 219.0600, 43.3290,
-8.8230

 23.2510, 45.2500,
16.9460

 239.7480, 26.4120,
-16.1160

 14.5800, 27.9660,
10.7980

 249.9840, 14.1240,

 0.0000, 0.0000,

-13.6840

0.0000

253.2900, 4.8150,
-4.6650

114.1450,
113.0140, 22.3420

114.1450,
113.0140, 22.3420

100.3700,
125.6220, 25.1260

128.0340,
100.0850, 19.8690

98.1530, 127.7310,
25.4510

141.8090, 87.4770,
17.0850

155.6980, 74.5480,
14.6120

169.0000, 61.8940,
12.6620

182.7750, 49.2860,
9.8780

■ 196.6640, 36.3570,
7.4050

■ 210.4390, 23.7490,
4.6210

■ 224.3280, 10.8200,
2.1480

■ 238.2170, -2.1090,
-0.3250

Harmonies

Analogous

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



87.7590, 119.5590, 85.4710



114.1450, 113.0140, 22.3420



122.2660, 83.3110, -17.5610

Triad

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



114.1450, 113.0140, 22.3420



102.3220, -70.4140, -56.5100



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.



114.1450, 113.0140, 22.3420



148.8550, -113.0140, -22.3420

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.



117.1200, -123.1050, 0.8550



114.1450, 113.0140, 22.3420



112.2740, -95.6810, -33.6090

Square

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



114.1450, 113.0140, 22.3420



93.4210, -31.9890, -75.5810



119.5530, -117.5550, -11.6270



131.1940, -1.0200, 62.5640

Rectangle

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



114.1450, 113.0140, 22.3420



120.8720, 54.5210, -35.4550



119.5530, -117.5550, -11.6270



109.4890, -119.5300, 7.6540

Sweetspot

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



114.1450, 113.0140, 22.3420



214.8490, 37.2740, 7.3060



108.5290, 70.9570, 96.2450



103.9550, 22.2360, 4.5080



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.



114.1450, 113.0140, 22.3420



106.1820, 137.9550, 27.3870



175.1930, 84.4140, -32.0500



110.4630, 6.0060, 1.2860



75.2510, 97.9760, 19.5440



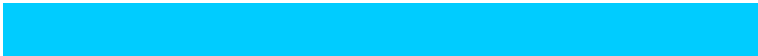
22.6030, 29.1590, 5.6950

Inverse Universe

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



148.8550, -113.0140, -22.3420



148.8180, -137.9550, -27.3870



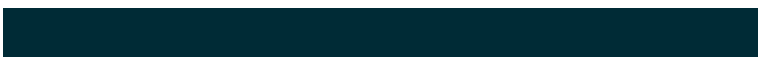
87.8070, -84.4140, 32.0500



112.5370, -6.0060, -1.2860



105.7490, -97.9760, -19.5440



31.3970, -29.1590, -5.6950

Previews

White Background



This preview shows how the YIQ color 114.1450, 113.0140, 22.3420 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 114.1450, 113.0140, 22.3420 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 114.1450, 113.0140, 22.3420

Background



This preview shows how black text looks on a background with the YIQ color 114.1450, 113.0140, 22.3420.



This preview shows how white text looks on a background with the YIQ color 114.1450, 113.0140,

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

114.1450, 113.0140, 22.3420

Protanopia

124.7520, 37.7840, -23.9760

Deuteranopia

121.2370, 63.9190, -29.5610



Tritanopia

116.7700, 101.5490, 37.3970

Trichromacy



Original Color

114.1450, 113.0140, 22.3420

Protanomaly

121.1350, 65.1070, -7.0290

Deuteranomaly

118.4110, 81.7050, -10.4790

Tritanomaly

115.6470, 106.0890, 32.2090

Monochromacy



Original Color

114.1450, 113.0140, 22.3420

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1160, 40.8960, 7.7440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1450, 113.0140, 22.3420 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(236, 69, 27)` looks like.

```
.text, #text, p{  
    color:rgb(236, 69, 27)  
}
```

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(236, 69, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 69, 27) }
```

Border

The CSS property to change the border of an element to YIQ 114.1450, 113.0140, 22.3420 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(236, 69, 27) }
```


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

```
.border{ border-color:rgb(236, 69, 27) }
```

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

Here you see how a box with a 4 pixel rgb(236, 69, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 69, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 69, 27);  
box-shadow:4px 4px 4px 4px rgb(236, 69,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1450, 113.0140, 22.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 69, 27) }
```

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

```
.background{ background-color: rgb(236, 69,  
27) }
```

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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