

Converting Colors

YIQ(79.1820, 129.9280, 46.2160)

Have a look what the booklet for
YIQ(79.1820, 129.9280, 46.2160)
contains.

YIQ(79.1820, 129.9280, 46.2160)	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(79.1820, 129.9280,
46.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	E80E0E
RGB	232, 14, 14
RGB Percent	91%, 5%, 5%
CMY	0.0897, 0.9453, 0.9446
CMYK	0.00, 0.94, 0.94, 0.09
HSL	360°, 89%, 48%
HSV	360°, 94%, 91%
XYZ	33.5576, 17.5216, 2.0335
YIQ	79.1820, 129.9280, 46.2160

Conversions

Conversions Part 2

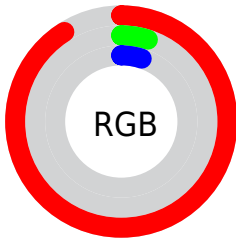
Format	Color
R_{YB}	232, 14, 14
Decimal	15207950
CIE _{Lab}	48.91, 73.60, 58.85
CIE _{LCh}	49, 94.239, 38.646
Yxy	17.5216, 0.6318, 0.3299
Android (android.graphics.Color)	4293398030 (0xFFE80E0E)
YUV	79.1820, -32.1347, 134.0214
Hunter-Lab	41.8588, 69.8479, 26.4209

Details

The YIQ color **79.1820, 129.9280, 46.2160** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **166.8180, -129.9280, -46.2160**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4200, 104.9900, 24.5900**, and **49.6340, 98.9360, 35.1920** is the 20% darker color. If you saturate the color by 10%, you get **69.3680, 138.2720, 49.1840**, and if you desaturate by 10%, it is **95.3050, 116.2200, 41.3400**.

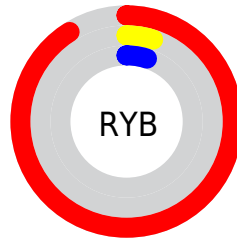
Distribution



Red (91%)

Green (5%)

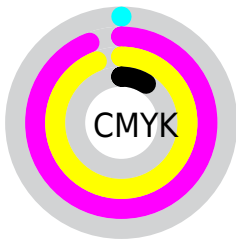
Blue (5%)



Red (91%)

Yellow (5%)

Blue (5%)

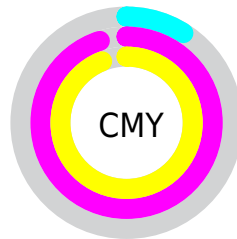


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (9%)



Cyan (9%)


Magenta (95%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.1820, 129.9280, 46.2160 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 79.1820, 129.9280, 46.2160 by changing the saturation by 10% instead.


 79.1820, 129.9280,
46.2160


 79.1820, 129.9280,
46.2160


254.7720, 0.6420,
-0.6220

 59.5010, 118.6040,
42.1880


 139.4200,
104.9900, 24.5900


 49.6340, 98.9360,
35.1920


 159.8800, 88.7150,
16.6750


 39.7670, 79.2680,
28.1960


 180.3400, 72.4400,
8.7600

 30.4270, 59.5540,
22.0340

 200.3270, 56.1190,
1.6790

 21.9840, 41.6280,
16.5080

 221.0150, 39.2020,
-5.6140

 11.7750, 22.9230,
8.5790


 242.4040, 21.6890,


 0.0000, 0.0000,


-13.1190


0.0000


 251.4660, 9.9510,
-9.6410


 79.1820, 129.9280,
46.2160


 79.1820, 129.9280,
46.2160


 69.3680, 138.2720,
49.1840

 95.3050, 116.2200,
41.3400

 111.5420,
102.1910, 36.7750

 128.2520, 88.2080,
31.3760

 144.3750, 74.5000,
26.5000

 160.4980, 60.7920,
21.6240

■ 176.6210, 47.0840,
16.7480

■ 192.7440, 33.3760,
11.8720

■ 209.5680, 19.0720,
6.7840

■ 225.6910, 5.3640,
1.9080

Harmonies

Analogous

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



85.5090, 117.2670, 82.9550



79.1820, 129.9280, 46.2160



108.1560, 86.9770, -6.9030

Triad

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



79.1820, 129.9280, 46.2160



90.4560, -56.2920, -59.1400



100.0970, -115.1300, 16.0220

Complementary

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



79.1820, 129.9280, 46.2160



166.8180, -129.9280, -46.2160

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.



111.8370, -120.6300, 5.5620



79.1820, 129.9280, 46.2160



102.0210, -84.7230, -33.9630

Square

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



79.1820, 129.9280, 46.2160



80.4190, -37.6750, -71.6510



110.9130, -109.7610, -9.7050



115.3370, -17.4800, 63.5120

Rectangle

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



79.1820, 129.9280, 46.2160



109.0990, 55.6200, -27.8360



110.9130, -109.7610, -9.7050



104.7930, -117.3300, 11.8380

Sweetspot

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



79.1820, 129.9280, 46.2160



205.2290, 42.3160, 15.0520



102.8380, 57.5660, 113.1660



97.1560, 26.2240, 9.3280



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.



79.1820, 129.9280, 46.2160



76.2450, 151.9800, 54.0600



140.8170, 101.0530, -8.6990



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.



79.1820, 129.9280, 46.2160



76.2450, 151.9800, 54.0600



105.1830, -101.0530, 8.6990



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 79.1820, 129.9280, 46.2160 looks on a white 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

Black Background



This preview shows how the YIQ color 79.1820, 129.9280, 46.2160 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 79.1820, 129.9280, 46.2160

Background



This preview shows how black text looks on a background with the YIQ color 79.1820, 129.9280, 46.2160.



This preview shows how white text looks on a background with the YIQ color 79.1820, 129.9280,

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

79.1820, 129.9280, 46.2160

Protanopia

112.7240, 34.9870, -22.8450

Deuteranopia

109.9960, 57.4080, -27.2000



Tritanopia

81.3960, 131.9010, 37.9890

Trichromacy



Original Color

79.1820, 129.9280, 46.2160

Protanomaly

100.2700, 69.4610, 2.1730

Deuteranomaly

98.7030, 84.1790, -0.2450

Tritanomaly

80.2050, 131.1210, 41.1130

Monochromacy



Original Color

79.1820, 129.9280, 46.2160

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.9200, 47.6800, 16.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1820, 129.9280, 46.2160 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(232, 14, 14)` looks like.

```
.text, #text, p{  
    color:rgb(232, 14, 14)  
}
```

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(232, 14, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 14, 14) }
```

Border

The CSS property to change the border of an element to YIQ 79.1820, 129.9280, 46.2160 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(232, 14, 14) }
```


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

```
.border{ border-color:rgb(232, 14, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 14, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 14, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 14, 14);  
box-shadow:4px 4px 4px 4px rgb(232, 14,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 79.1820, 129.9280, 46.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 14, 14) }
```

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

```
.background{ background-color: rgb(232, 14,  
14) }
```

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