

Converting Colors

YIQ(79.5940, 122.7760, 43.6720)

Have a look what the booklet for
YIQ(79.5940, 122.7760, 43.6720)
contains.

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Color

**YIQ(79.5940, 122.7760,
43.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	E01212
RGB	224, 18, 18
RGB Percent	88%, 7%, 7%
CMY	0.1211, 0.9296, 0.9289
CMYK	0.00, 0.92, 0.92, 0.12
HSL	360°, 85%, 47%
HSV	360°, 92%, 88%
XYZ	31.1043, 16.3412, 2.0924
YIQ	79.5940, 122.7760, 43.6720

Conversions

Conversions Part 2

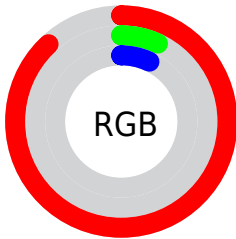
Format	Color
R_{YB}	224, 18, 18
Decimal	14684690
CIE _{Lab}	47.42, 71.20, 55.77
CIE _{LCh}	47, 90.445, 38.072
Yxy	16.3412, 0.6279, 0.3299
Android (android.graphics.Color)	4292874770 (0xFFE01212)
YUV	79.5940, -30.3658, 126.6441
Hunter-Lab	40.4242, 66.6041, 25.2280

Details

The YIQ color **79.5940, 122.7760, 43.6720** 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 **162.4060, -122.7760, -43.6720**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0610, 104.6230, 25.7350**, and **47.2420, 94.1680, 33.4960** is the 20% darker color. If you saturate the color by 10%, you get **66.9760, 133.5040, 47.4880**, and if you desaturate by 10%, it is **95.1300, 109.3430, 39.3190**.

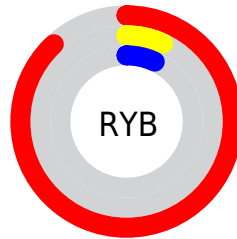
Distribution



Red (88%)

Green (7%)

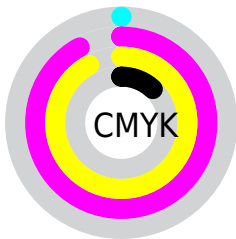
Blue (7%)



Red (88%)

Yellow (7%)

Blue (7%)

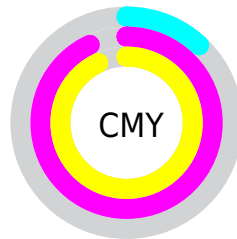


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (12%)



Cyan (12%)


Magenta (93%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.5940, 122.7760, 43.6720 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 79.5940, 122.7760, 43.6720 by changing the saturation by 10% instead.


 79.5940, 122.7760,
43.6720


 79.5940, 122.7760,
43.6720


255.0000, -0.0000,
-0.0000


 57.1090, 113.8360,
40.4920


 139.0610,
104.6230, 25.7350


 47.2420, 94.1680,
33.4960


 159.5210, 88.3480,
17.8200


 37.6740, 75.0960,
26.7120


 179.9810, 72.0730,
9.9050

 28.3340, 55.3820,
20.5500

 199.9680, 55.7520,
2.8240

 19.7770, 37.7770,
14.7130

 220.6560, 38.8350,
-4.4690


 9.3830, 18.1550,
6.8830


 241.4580, 21.5970,


 0.0000, 0.0000,


-11.4510


0.0000


 251.6940, 9.3090,
-9.0190


 79.5940, 122.7760,
43.6720


 79.5940, 122.7760,
43.6720


 66.9760, 133.5040,
47.4880

 95.1300, 109.3430,
39.3190

 111.1390, 95.9560,
34.1320

 126.5610, 82.8440,
29.4680

 142.6840, 69.1360,
24.5920

 158.1060, 56.0240,
19.9280

■ 173.5280, 42.9120,
15.2640

■ 189.6510, 29.2040,
10.3880

■ 205.0730, 16.0920,
5.7240

■ 221.1960, 2.3840,
0.8480

Harmonies

Analogous

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



82.4050, 111.6280, 80.5240



79.5940, 122.7760, 43.6720



104.6010, 84.2260, -6.6060

Triad

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



79.5940, 122.7760, 43.6720



87.2930, -54.2750, -57.1470



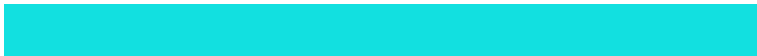
97.7490, -114.0300, 18.1140

Complementary

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



79.5940, 122.7760, 43.6720



162.4060, -122.7760, -43.6720

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.



108.9020, -119.2550, 8.1770



79.5940, 122.7760, 43.6720



98.4020, -81.4220, -33.2140

Square

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



79.5940, 122.7760, 43.6720



77.4840, -36.3000, -69.0360



106.8380, -105.1760, -10.2000



111.7450, -18.8090, 60.0630

Rectangle

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



79.5940, 122.7760, 43.6720



105.8540, 54.9320, -26.3800



106.8380, -105.1760, -10.2000



102.4450, -116.2300, 13.9300

Sweetspot

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



79.5940, 122.7760, 43.6720



205.2290, 42.3160, 15.0520



102.1810, 54.8620, 107.1020



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.



79.5940, 122.7760, 43.6720



76.2450, 151.9800, 54.0600



138.2940, 95.2760, -8.6280



104.2890, 6.5560, 2.3320



52.6240, 104.8960, 37.3120



14.3520, 28.6080, 10.1760

Inverse Universe

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



79.5940, 122.7760, 43.6720



76.2450, 151.9800, 54.0600



103.7060, -95.2760, 8.6280



104.2890, 6.5560, 2.3320



52.6240, 104.8960, 37.3120



14.3520, 28.6080, 10.1760

Previews

White Background



This preview shows how the YIQ color 79.5940, 122.7760, 43.6720 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 79.5940, 122.7760, 43.6720 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 79.5940, 122.7760, 43.6720

Background



This preview shows how black text looks on a background with the YIQ color 79.5940, 122.7760, 43.6720.



This preview shows how white text looks on a background with the YIQ color 79.5940, 122.7760,

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

79.5940, 122.7760, 43.6720

Protanopia

109.1090, 32.4650, -21.1910

Deuteranopia

106.1530, 55.5280, -26.1680



Tritanopia

78.7160, 128.0040, 37.0280

Trichromacy



Original Color

79.5940, 122.7760, 43.6720

Protanomaly

98.2310, 65.1970, 2.3570

Deuteranomaly

96.5500, 80.2360, -0.3720

Tritanomaly

78.9270, 126.0320, 39.7280

Monochromacy



Original Color

79.5940, 122.7760, 43.6720

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.4250, 44.7000, 15.9000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5940, 122.7760, 43.6720 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(224, 18, 18)` looks like.

```
.text, #text, p{  
    color:rgb(224, 18, 18)  
}
```

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(224, 18, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 18, 18) }
```

Border

The CSS property to change the border of an element to YIQ 79.5940, 122.7760, 43.6720 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(224, 18, 18) }
```


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

```
.border{ border-color:rgb(224, 18, 18) }
```

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

Here you see how a box with a 4 pixel rgb(224, 18, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 18, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 18, 18);  
box-shadow:4px 4px 4px 4px rgb(224, 18,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5940, 122.7760, 43.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 18, 18) }
```

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

```
.background{ background-color: rgb(224, 18,  
18) }
```

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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