

Converting Colors

YIQ(76.7280, 110.5350, 39.7430)

Have a look what the booklet for
YIQ(76.7280, 110.5350, 39.7430)
contains.

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Color

**YIQ(76.7280, 110.5350,
39.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1516
RGB	207, 21, 22
RGB Percent	81%, 8%, 9%
CMY	0.1878, 0.9178, 0.9133
CMYK	0.00, 0.90, 0.89, 0.19
HSL	360°, 82%, 45%
HSV	360°, 90%, 81%
XYZ	26.1763, 13.8735, 2.0629
YIQ	76.7280, 110.5350, 39.7430

Conversions

Conversions Part 2

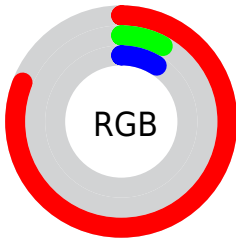
Format	Color
RYB	207, 21, 22
Decimal	13571350
CIELab	44.05, 66.47, 50.22
CIELCh	44, 83.305, 37.073
Yxy	13.8735, 0.6216, 0.3294
Android (android.graphics.Color)	4291761430 (0xFFCF1516)
YUV	76.7280, -26.9809, 114.2485
Hunter-Lab	37.2472, 60.2627, 22.7892

Details

The YIQ color **76.7280, 110.5350, 39.7430** 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 **151.2720, -110.5350, -39.7430**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.1150, 104.5310, 27.4030**, and **42.7570, 85.2280, 30.3160** is the 20% darker color. If you saturate the color by 10%, you get **62.1210, 122.7300, 44.5060**, and if you desaturate by 10%, it is **91.4490, 98.0190, 35.2910**.

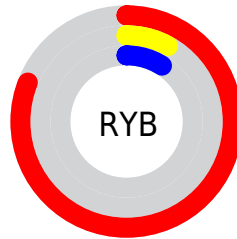
Distribution



Red (81%)

Green (8%)

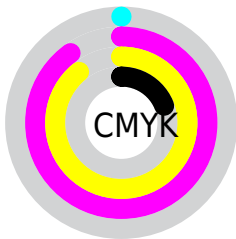
Blue (9%)



Red (81%)

Yellow (8%)

Blue (9%)

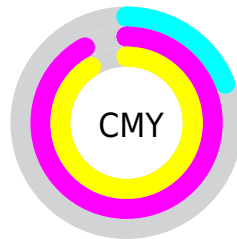


Cyan (0%)

Magenta (90%)

Yellow (89%)

Black (19%)



Cyan (19%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.7280, 110.5350, 39.7430 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 76.7280, 110.5350, 39.7430 by changing the saturation by 10% instead.

■ 76.7280, 110.5350,
39.7430

■ 76.7280, 110.5350,
39.7430

255.0000, -0.0000,
-0.0000

■ 52.3250, 104.3000,
37.1000

■ 138.1150,
104.5310, 27.4030

■ 42.7570, 85.2280,
30.3160

■ 157.9880, 88.5310,
20.0110

■ 33.1890, 66.1560,
23.5320

■ 177.8610, 72.5310,
12.6190

■ 24.1480, 47.0380,
17.5820

■ 197.8480, 56.2100,
5.5380


■ 15.4770, 29.7540,
11.4340


■ 218.5360, 39.2930,
-1.7550


■ 0.0000, 0.0000,
0.0000


■ 238.7510, 22.3300,


-8.2140


 251.9220, 8.6670,
-8.3970


 76.7280, 110.5350,
39.7430


 76.7280, 110.5350,
39.7430


 62.1210, 122.7300,
44.5060


 91.4490, 98.0190,
35.2910

 62.0070, 123.0510,
44.1950

 105.4690, 86.0990,
31.0510

 120.1900, 73.5830,
26.5990

 134.7970, 61.3880,
21.8360

 149.5180, 48.8720,
17.3840

■ 163.6520, 36.6310,
13.4550

■ 178.2590, 24.4360,
8.6920

■ 192.9800, 11.9200,
4.2400

■ 207.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



76.1540, 101.9090, 74.9410



76.7280, 110.5350, 39.7430



96.9040, 78.9990, -5.4890

Triad

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



76.7280, 110.5350, 39.7430



80.8530, -49.9200, -53.4720



91.7990, -108.2990, 18.8770

Complementary

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



76.7280, 110.5350, 39.7430



151.2720, -110.5350, -39.7430

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.



100.6380, -109.7640, 6.8760



76.7280, 110.5350, 39.7430



90.4630, -74.2240, -31.5040

Square

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



76.7280, 110.5350, 39.7430



77.5940, -21.6300, -59.5660



98.2150, -96.0520, -10.3560



104.0450, -19.9540, 53.2780

Rectangle

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



76.7280, 110.5350, 39.7430



97.8800, 52.0430, -23.5810



98.2150, -96.0520, -10.3560



96.0220, -110.5450, 15.5270

Sweetspot

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



76.7280, 110.5350, 39.7430



206.7450, 40.8030, 14.9390



96.9210, 49.3620, 96.6420



99.2590, 24.4360, 8.6920



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.



76.7280, 110.5350, 39.7430



76.4730, 151.3380, 54.6820



129.4440, 86.1060, -7.6380



97.2890, 6.5560, 2.3320



50.3460, 99.8070, 35.9270



12.2590, 24.4360, 8.6920

Inverse Universe

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



76.7280, 110.5350, 39.7430



76.4730, 151.3380, 54.6820



98.5560, -86.1060, 7.6380



97.2890, 6.5560, 2.3320



50.3460, 99.8070, 35.9270



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 76.7280, 110.5350, 39.7430 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 76.7280, 110.5350, 39.7430 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 76.7280, 110.5350, 39.7430

Background



This preview shows how black text looks on a background with the YIQ color 76.7280, 110.5350, 39.7430.



This preview shows how white text looks on a background with the YIQ color 76.7280, 110.5350,

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

76.7280, 110.5350, 39.7430

Protanopia

102.0640, 28.3380, -17.9820

Deuteranopia

98.4670, 51.7680, -24.1040



Tritanopia

76.4030, 112.8280, 36.7320

Trichromacy



Original Color

76.7280, 110.5350, 39.7430

Protanomaly

92.6370, 58.1820, 2.8380

Deuteranomaly

90.4290, 73.2670, -0.7250

Tritanomaly

76.7450, 111.8650, 37.6650

Monochromacy



Original Color

76.7280, 110.5350, 39.7430

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0330, 39.9320, 14.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.7280, 110.5350, 39.7430 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(207, 21, 22)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 22)  
}
```

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(207, 21, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 22) }
```

Border

The CSS property to change the border of an element to YIQ 76.7280, 110.5350, 39.7430 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(207, 21, 22) }
```


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

```
.border{ border-color:rgb(207, 21, 22) }
```

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

Here you see how a box with a 4 pixel rgb(207, 21, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 22);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 76.7280, 110.5350, 39.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 22) }
```

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

```
.background{ background-color: rgb(207, 21,  
22) }
```

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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