

Converting Colors

YIQ(96.6710, 114.7090, 30.1730)

Have a look what the booklet for
YIQ(96.6710, 114.7090, 30.1730)
contains.

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Color

**YIQ(96.6710, 114.7090,
30.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	E12E15
RGB	225, 46, 21
RGB Percent	88%, 18%, 8%
CMY	0.1172, 0.8198, 0.9172
CMYK	0.00, 0.80, 0.91, 0.12
HSL	7°, 83%, 48%
HSV	7°, 91%, 88%
XYZ	32.1945, 18.0271, 2.4981
YIQ	96.6710, 114.7090, 30.1730

Conversions

Conversions Part 2

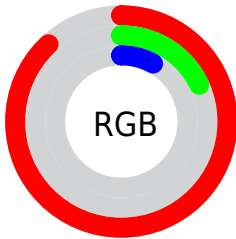
Format	Color
R_{YB}	225, 49, 21
Decimal	14757397
CIE Lab	49.53, 66.09, 56.15
CIE LCh	50, 86.720, 40.353
Yxy	18.0271, 0.6107, 0.3419
Android (android.graphics.Color)	4292947477 (0xFFE12E15)
YUV	96.6710, -37.3058, 112.5445
Hunter-Lab	42.4583, 61.0477, 26.2324

Details

The YIQ color **96.6710, 114.7090, 30.1730** 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 **149.3290, -114.7090, -30.1730**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7350, 99.4890, 19.6570**, and **47.8400, 95.3600, 33.9200** is the 20% darker color. If you saturate the color by 10%, you get **83.1240, 126.6750, 33.5790**, and if you desaturate by 10%, it is **111.0330, 101.8260, 26.8660**.

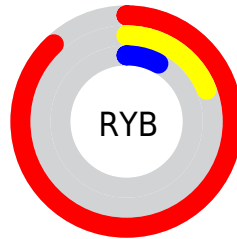
Distribution



Red (88%)

Green (18%)

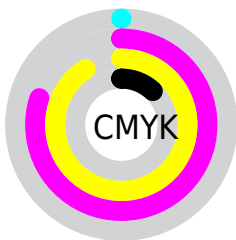
Blue (8%)



Red (88%)

Yellow (19%)

Blue (8%)

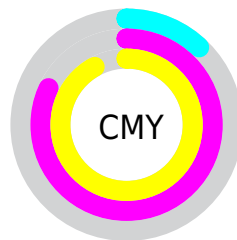


Cyan (0%)

Magenta (80%)

Yellow (91%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.6710, 114.7090, 30.1730 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 96.6710, 114.7090, 30.1730 by changing the saturation by 10% instead.


 96.6710, 114.7090,
30.1730


 96.6710, 114.7090,
30.1730


255.0000, -0.0000,
-0.0000


 57.4080, 114.4320,
40.7040


 147.7350, 99.4890,
19.6570


 47.8400, 95.3600,
33.9200


 167.6080, 83.4890,
12.2650


 38.2720, 76.2880,
27.1360


 187.4810, 67.4890,
4.8730

 28.7040, 57.2160,
20.3520

 207.5820, 50.8470,
-1.8970

 20.6740, 39.5650,
15.3490

 228.2700, 33.9300,
-9.1900


 10.5790, 20.5390,
7.7310


 249.0720, 16.6920,


 0.0000, 0.0000,


-16.1720


0.0000

 252.2640, 7.7040,
-7.4640

 96.6710, 114.7090,
30.1730

 96.6710, 114.7090,
30.1730


 83.1240, 126.6750,
33.5790

 111.0330,
101.8260, 26.8660

 124.6940, 89.5390,
23.7710

 139.0560, 76.6560,
20.4640

 153.3040, 64.0940,
16.8460

 167.6660, 51.2110,
13.5390

■ 181.9140, 38.6490,
9.9210

■ 195.6890, 26.0410,
7.1370

■ 209.9370, 13.4790,
3.5190

■ 224.2990, 0.5960,
0.2120

Harmonies

Analogous

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



83.3020, 113.4160, 81.1600



96.6710, 114.7090, 30.1730



110.1830, 82.3470, -11.1010

Triad

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



96.6710, 114.7090, 30.1730



92.4110, -60.4190, -55.9310



99.5100, -114.8550, 16.5450

Complementary

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



96.6710, 114.7090, 30.1730



149.3290, -114.7090, -30.1730

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.



110.6630, -120.0800, 6.6080



96.6710, 114.7090, 30.1730



102.4770, -86.0070, -32.7190

Square

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



96.6710, 114.7090, 30.1730



82.5010, -34.9700, -71.1140



110.5710, -108.7980, -10.6380



118.5350, -9.4100, 60.4300

Rectangle

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



96.6710, 114.7090, 30.1730



110.8490, 53.3280, -30.3520



110.5710, -108.7980, -10.6380



104.2060, -117.0550, 12.3610

Sweetspot

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



96.6710, 114.7090, 30.1730



211.9140, 38.6490, 9.9210



102.5160, 63.8040, 99.2280



102.1940, 23.0610, 6.0770



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.



96.6710, 114.7090, 30.1730



94.4420, 143.4550, 37.8470



155.9580, 86.9340, -22.6500



104.8760, 6.2810, 1.8090



64.9510, 99.1210, 26.3290



17.8740, 26.9580, 7.0380

Inverse Universe

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



149.3290, -114.7090, -30.1730



160.5580, -143.4550, -37.8470



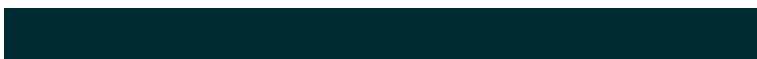
90.0420, -86.9340, 22.6500



108.1240, -6.2810, -1.8090



111.0490, -99.1210, -26.3290



30.7130, -27.2330, -7.5610

Previews

White Background



This preview shows how the YIQ color 96.6710, 114.7090, 30.1730 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 96.6710, 114.7090, 30.1730 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 96.6710, 114.7090, 30.1730

Background



This preview shows how black text looks on a background with the YIQ color 96.6710, 114.7090, 30.1730.



This preview shows how white text looks on a background with the YIQ color 96.6710, 114.7090,

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

96.6710, 114.7090, 30.1730

Protanopia

113.9520, 34.3450, -22.2230

Deuteranopia

110.5940, 58.6000, -26.7760



Tritanopia

98.0050, 108.1970, 38.0610

Trichromacy



Original Color

96.6710, 114.7090, 30.1730

Protanomaly

107.2860, 63.3640, -2.9720

Deuteranomaly

105.4910, 78.7240, -6.0120

Tritanomaly

97.6800, 110.4900, 35.0500

Monochromacy



Original Color

96.6710, 114.7090, 30.1730

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.7080, 42.2250, 11.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.6710, 114.7090, 30.1730 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(225, 46, 21)` looks like.

```
.text, #text, p{  
    color:rgb(225, 46, 21)  
}
```

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(225, 46, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 46, 21) }
```

Border

The CSS property to change the border of an element to YIQ 96.6710, 114.7090, 30.1730 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(225, 46, 21) }
```


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

```
.border{ border-color:rgb(225, 46, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 46, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 46, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 46, 21);  
box-shadow:4px 4px 4px 4px rgb(225, 46,  
21) }
```

Background

The CSS property to change the background color of an element to YIQ 96.6710, 114.7090, 30.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 46, 21) }
```

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

```
.background{ background-color: rgb(225, 46,  
21) }
```

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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