

Converting Colors

YIQ(72.7690, 120.4850, 35.6290)

Have a look what the booklet for
YIQ(72.7690, 120.4850, 35.6290)
contains.

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Color

**YIQ(72.7690, 120.4850,
35.6290)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D21100 |
| RGB | 210, 17, 0 |
| RGB Percent | 82%, 7%, 0% |
| CMY | 0.1760, 0.9335, 0.9995 |
| CMYK | 0.00, 0.92, 1.00, 0.18 |
| HSL | 5°, 100%, 41% |
| HSV | 5°, 100%, 82% |
| XYZ | 26.8108, 14.1171, 1.3154 |
| YIQ | 72.7690, 120.4850, 35.6290 |

Conversions

Conversions Part 2

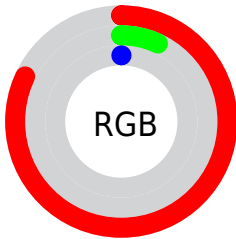
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 210, 18, 0 |
| Decimal | 13766912 |
| CIELab | 44.40, 67.57, 58.25 |
| CIElCh | 44, 89.209, 40.763 |
| Yxy | 14.1171, 0.6347, 0.3342 |
| Android (android.graphics.Color) | 4291956992 (0xFFD21100) |
| YUV | 72.7690, -35.8751, 120.3516 |
| Hunter-Lab | 37.5727, 61.6202, 24.2252 |

Details

The YIQ color **72.7690, 120.4850, 35.6290** 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 **137.2310, -120.4850, -35.6290**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.8180, 109.6210, 23.2610**, and **43.3550, 86.4200, 30.7400** is the 20% darker color. If you saturate the color by 10%, you get **72.7690, 120.4850, 35.6290**, and if you desaturate by 10%, it is **86.3160, 108.5190, 32.2230**.

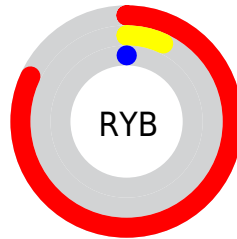
Distribution



Red (82%)

Green (7%)

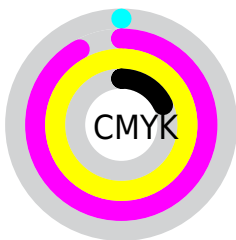
Blue (0%)



Red (82%)

Yellow (7%)

Blue (0%)

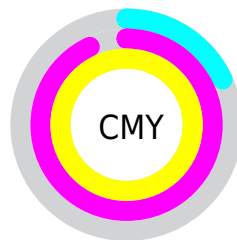


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (93%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.7690, 120.4850, 35.6290 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 72.7690, 120.4850, 35.6290 by changing the saturation by 10% instead.


 72.7690, 120.4850,
35.6290


 72.7690, 120.4850,
35.6290


 253.4040, 4.4940,
-4.3540


 53.2220, 106.0880,
37.7360


 135.8180,
109.6210, 23.2610


 43.3550, 86.4200,
30.7400


 155.6910, 93.6210,
15.8690


 33.7870, 67.3480,
23.9560


 175.5640, 77.6210,
8.4770

 24.7460, 48.2300,
18.0060

 195.5510, 61.3000,
1.3960

 16.0750, 30.9460,
11.8580

 216.2390, 44.3830,
-5.8970


 0.2990, 0.5960,
0.2120


 236.9270, 27.4660,


 0.0000, 0.0000,

-13.1900


0.0000

 250.0980, 13.8030,
-13.3730


 72.7690, 120.4850,
35.6290

 86.3160, 108.5190,
32.2230

 100.4500, 96.2780,
28.2940

 113.9970, 84.3120,
24.8880

 127.5440, 72.3460,
21.4820

 141.6780, 60.1050,
17.5530

■ 155.2250, 48.1390,
14.1470

■ 168.7720, 36.1730,
10.7410

■ 182.9060, 23.9320,
6.8120

■ 196.4530, 11.9660,
3.4060

Harmonies

Analogous

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



77.5200, 109.5660, 73.8380



72.7690, 120.4850, 35.6290



98.3550, 76.1110, -8.2170

Triad

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



72.7690, 120.4850, 35.6290



82.7110, -52.3960, -52.6520



91.7650, -110.9590, 23.0330

Complementary

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



72.7690, 120.4850, 35.6290



137.2310, -120.4850, -35.6290

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.



102.8210, -114.5330, 10.7070



72.7690, 120.4850, 35.6290



93.5920, -78.9010, -29.3410

Square

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



72.7690, 120.4850, 35.6290



73.3750, -34.3750, -65.3750



101.0990, -101.4170, -6.7370



103.5890, -9.5020, 62.0980

Rectangle

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



72.7690, 120.4850, 35.6290



98.4340, 47.3670, -26.9450



101.0990, -101.4170, -6.7370



97.1620, -113.7550, 18.6370

Sweetspot

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



72.7690, 120.4850, 35.6290



205.2460, 43.6460, 12.9740



85.1340, 62.2440, 105.4760



97.5150, 26.5910, 8.1830



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.



72.7690, 120.4850, 35.6290



87.9850, 146.4800, 43.6000



132.6430, 92.4350, -17.7170



97.8760, 6.2810, 1.8090



57.8630, 96.5530, 28.8170



14.0200, 23.6110, 7.1230

Inverse Universe

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



137.2310, -120.4850, -35.6290



167.0150, -146.4800, -43.6000



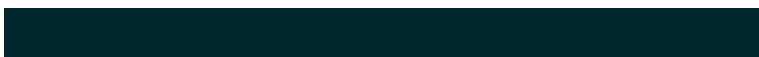
77.3570, -92.4350, 17.7170



101.1240, -6.2810, -1.8090



110.1370, -96.5530, -28.8170



26.9800, -23.6110, -7.1230

Previews

White Background



This preview shows how the YIQ color 72.7690, 120.4850, 35.6290 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



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 72.7690, 120.4850, 35.6290

Background



This preview shows how black text looks on a background with the YIQ color 72.7690, 120.4850, 35.6290.



This preview shows how white text looks on a background with the YIQ color 72.7690, 120.4850,

35.6290.

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

72.7690, 120.4850, 35.6290

Protanopia

101.7670, 33.4280, -22.1240

Deuteranopia

99.3530, 52.0890, -24.4150



Tritanopia

73.9430, 119.9350, 34.5830

Trichromacy



Original Color

72.7690, 120.4850, 35.6290

Protanomaly

91.1230, 65.3810, -0.9790

Deuteranomaly

89.5280, 77.3020, -2.2660

Tritanomaly

73.3560, 120.2100, 35.1060

Monochromacy



Original Color

72.7690, 120.4850, 35.6290

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.2460, 43.6460, 12.9740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.7690, 120.4850, 35.6290 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(210, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 17, 0)  
}
```

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(210, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 17, 0) }
```

Border

The CSS property to change the border of an element to YIQ 72.7690, 120.4850, 35.6290 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(210, 17, 0) }
```


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

```
.border{ border-color:rgb(210, 17, 0) }
```

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

Here you see how a box with a 4 pixel rgb(210, 17, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 17, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 17, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 17, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.7690, 120.4850, 35.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 17, 0) }
```

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

```
.background{ background-color: rgb(210, 17,  
0) }
```

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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