

Converting Colors

YIQ(124.6820, 88.6720, 0.9280)

Have a look what the booklet for
YIQ(124.6820, 88.6720, 0.9280)
contains.

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Color

**YIQ(124.6820, 88.6720,
0.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	D2641C
RGB	210, 100, 28
RGB Percent	82%, 39%, 11%
CMY	0.1763, 0.6080, 0.8898
CMYK	0.00, 0.52, 0.87, 0.18
HSL	24°, 76%, 47%
HSV	24°, 87%, 82%
XYZ	31.3577, 22.8995, 3.8725
YIQ	124.6820, 88.6720, 0.9280

Conversions

Conversions Part 2

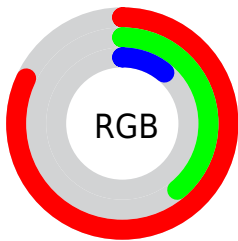
Format	Color
RYB	210, 147, 28
Decimal	13788188
CIELab	54.97, 39.59, 56.59
CIElCh	55, 69.064, 55.021
Yxy	22.8995, 0.5394, 0.3939
Android (android.graphics.Color)	4291978268 (0xFFD2641C)
YUV	124.6820, -47.6642, 74.8239
Hunter-Lab	47.8535, 33.2249, 28.6995

Details

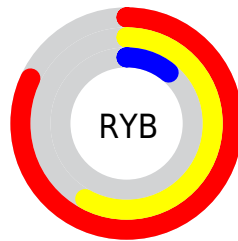
The YIQ color **124.6820, 88.6720, 0.9280** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **113.3180, -88.6720, -0.9280**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1760, 84.2250, -1.0790**, and **73.0150, 74.7330, 5.7490** is the 20% darker color. If you saturate the color by 10%, you get **114.6570, 98.9880, 1.1960**, and if you desaturate by 10%, it is **134.7070, 78.3560, 0.6600**.

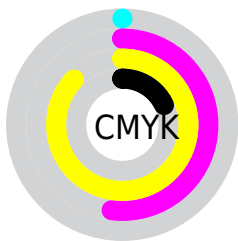
Distribution



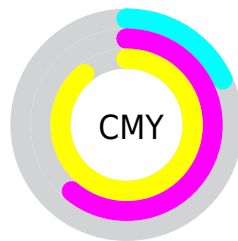
- Red (82%)
- Green (39%)
- Blue (11%)



- Red (82%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (87%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.6820, 88.6720, 0.9280 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 124.6820, 88.6720, 0.9280 by changing the saturation by 10% instead.

124.6820, 88.6720,
0.9280

124.6820, 88.6720,
0.9280

255.0000, -0.0000,
-0.0000

96.9590, 86.3340,
-0.7540

175.1760, 84.2250,
-1.0790

73.0150, 74.7330,
5.7490

193.9890, 68.4540,
-7.1140

48.1960, 64.2780,
13.5100

213.3890, 52.4080,
-13.6720

26.3120, 52.4480,
18.6560

233.4900, 35.7660,
-20.4420

17.9400, 35.7600,
12.7200

247.2480, 21.8280,
-21.1480

9.6820, 18.7510,
7.0950

250.4400, 12.8400,

0.0000, 0.0000,

-12.4400

0.0000

253.7460, 3.5310,
-3.4210

124.6820, 88.6720,
0.9280

124.6820, 88.6720,
0.9280

114.6570, 98.9880,
1.1960

134.7070, 78.3560,
0.6600

111.5110,
102.3350, 1.1110

144.1450, 68.3150,
0.9150

154.1700, 57.9990,
0.6470

164.1950, 47.6830,
0.3790

174.2200, 37.3670,
0.1110

■ 183.6580, 27.3260,
0.3660

■ 193.6830, 17.0100,
0.0980

■ 203.7080, 6.6940,
-0.1700

■ 213.1460, -3.3470,
0.0850

Harmonies

Analogous

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



121.9200, 92.3790, 38.3870



124.6820, 88.6720, 0.9280



123.8950, 64.8820, -30.4940

Triad

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



124.6820, 88.6720, 0.9280



106.3120, -81.6490, -45.6250



129.9070, -46.5890, 34.8750

Complementary

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



124.6820, 88.6720, 0.9280



113.3180, -88.6720, -0.9280

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.



112.0820, -119.9420, 4.1060



124.6820, 88.6720, 0.9280



113.3800, -101.5510, -26.3430

Square

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



124.6820, 88.6720, 0.9280



96.3090, -60.3720, -62.2920



116.5040, -115.8590, -9.3230



133.4510, 25.7570, 56.3570

Rectangle

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



124.6820, 88.6720, 0.9280



119.8760, 39.5300, -44.6140



116.5040, -115.8590, -9.3230



116.8630, -87.9880, 19.7240

Sweetspot

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



124.6820, 88.6720, 0.9280



223.9960, 32.1860, 0.3940



95.1860, 72.5200, 73.4160



109.3520, 19.4400, 0.1120



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.



124.6820, 88.6720, 0.9280



135.5320, 124.2050, 1.2370



176.9250, 64.1970, -45.6190



99.6370, 5.4560, 0.2400



88.9740, 81.9780, 1.0980



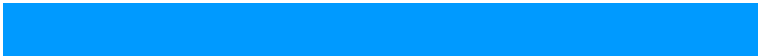
21.6510, 20.0360, 0.3240

Inverse Universe

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



113.3180, -88.6720, -0.9280



119.4680, -124.2050, -1.2370



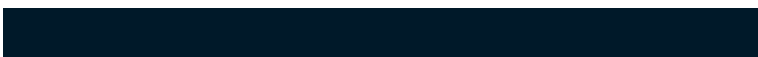
61.0750, -64.1970, 45.6190



98.7760, -5.1810, 0.2830



79.0260, -81.9780, -1.0980



19.3490, -20.0360, -0.3240

Previews

White Background



This preview shows how the YIQ color 124.6820, 88.6720, 0.9280 looks on a white 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

Black Background



This preview shows how the YIQ color 124.6820, 88.6720, 0.9280 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 124.6820, 88.6720, 0.9280

Background



This preview shows how black text looks on a background with the YIQ color 124.6820, 88.6720, 0.9280.



This preview shows how white text looks on a background with the YIQ color 124.6820, 88.6720,

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

124.6820, 88.6720, 0.9280

Protanopia

125.8400, 40.3520, -26.4640

Deuteranopia

124.3340, 62.2680, -27.1720



Tritanopia

129.6780, 69.2730, 27.6170

Trichromacy



Original Color

124.6820, 88.6720, 0.9280

Protanomaly

125.3310, 58.3230, -16.2450

Deuteranomaly

124.6330, 72.0320, -16.8960

Tritanomaly

128.1760, 76.1980, 17.7500

Monochromacy



Original Color

124.6820, 88.6720, 0.9280

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9960, 32.1860, 0.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.6820, 88.6720, 0.9280 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, 100, 28)` looks like.

```
.text, #text, p{  
    color:rgb(210, 100, 28)  
}
```

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, 100, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 100, 28) }
```

Border

The CSS property to change the border of an element to YIQ 124.6820, 88.6720, 0.9280 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, 100, 28) }
```


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

```
.border{ border-color:rgb(210, 100, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 100, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 100, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 100, 28);  
box-shadow:4px 4px 4px 4px rgb(210, 100,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 124.6820, 88.6720, 0.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 100, 28) }
```

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

```
.background{ background-color: rgb(210,  
100, 28) }
```

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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