

Converting Colors

YIQ(122.9720, 120.9910,
26.4550)

Have a look what the booklet for
YIQ(122.9720, 120.9910, 26.4550)
contains.

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Color

**YIQ(122.9720, 120.9910,
26.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4922
RGB	255, 73, 34
RGB Percent	100%, 29%, 13%
CMY	0.0000, 0.7140, 0.8662
CMYK	0.00, 0.71, 0.87, 0.00
HSL	11°, 100%, 57%
HSV	11°, 87%, 100%
XYZ	43.9081, 26.1313, 4.2529
YIQ	122.9720, 120.9910, 26.4550

Conversions

Conversions Part 2

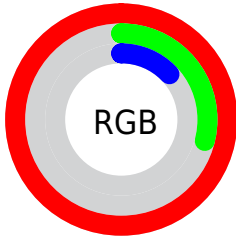
Format	Color
RYB	255, 81, 34
Decimal	16730402
CIELab	58.16, 66.86, 60.01
CIElCh	58, 89.838, 41.908
Yxy	26.1313, 0.5910, 0.3517
Android (android.graphics.Color)	4294920482 (0xFFFF4922)
YUV	122.9720, -43.8632, 115.7886
Hunter-Lab	51.1188, 63.8636, 30.8505

Details

The YIQ color **122.9720, 120.9910, 26.4550** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **166.0280, -120.9910, -26.4550**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.3050, 88.7160, 11.1480**, and **56.5110, 112.6440, 40.0680** is the 20% darker color. If you saturate the color by 10%, you get **107.7950, 134.7910, 29.6630**, and if you desaturate by 10%, it is **138.2630, 106.8700, 23.5580**.

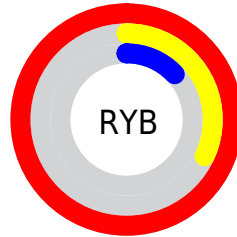
Distribution



Red (100%)

Green (29%)

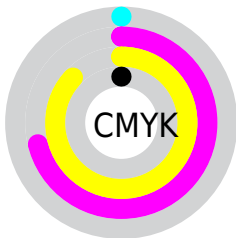
Blue (13%)



Red (100%)

Yellow (32%)

Blue (13%)

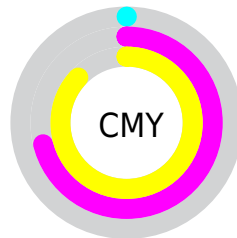


Cyan (0%)

Magenta (71%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.9720, 120.9910, 26.4550 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 122.9720, 120.9910, 26.4550 by changing the saturation by 10% instead.


 122.9720,
120.9910, 26.4550


 122.9720,
120.9910, 26.4550


255.0000, -0.0000,
-0.0000


 89.1400, 120.5780,
28.4340


 163.4190, 88.3950,
11.4590


 56.5110, 112.6440,
40.0680


 183.2920, 72.3950,
4.0670


 46.6440, 92.9760,
33.0720


 203.2790, 56.0740,
-3.0140

 37.0760, 73.9040,
26.2880

 223.9670, 39.1570,
-10.3070

 27.9210, 55.1070,
20.0270

 244.7690, 21.9190,
-17.2890

 19.4780, 37.1810,
14.5010

 250.8960, 11.5560,

 8.7850, 16.9630,

-11.1960

6.4590

254.2020, 2.2470,
-2.1770

0.0000, 0.0000,
0.0000

122.9720,
120.9910, 26.4550

122.9720,
120.9910, 26.4550

107.7950,
134.7910, 29.6630

138.2630,
106.8700, 23.5580

102.6600,
139.6050, 30.5250

153.4400, 93.0700,
20.3500

168.7310, 78.9490,
17.4530

183.9080, 65.1490,
14.2450

199.1990, 51.0280,
11.3480

214.3760, 37.2280,
8.1400

229.6670, 23.1070,
5.2430

244.8440, 9.3070,
2.0350

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



89.0130, 116.0280, 88.8920



122.9720, 120.9910, 26.4550



131.4580, 91.5180, -17.6180

Triad

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



122.9720, 120.9910, 26.4550



109.7080, -74.6770, -61.8530



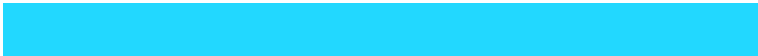
111.2500, -120.3550, 6.0850

Complementary

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



122.9720, 120.9910, 26.4550



166.0280, -120.9910, -26.4550

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.



124.1640, -126.4050, -5.4210



122.9720, 120.9910, 26.4550



120.9310, -102.1450, -37.6090

Square

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



122.9720, 120.9910, 26.4550



104.6620, -25.4780, -77.9420



128.1930, -125.3490, -13.5490



140.9920, -3.2670, 64.7410

Rectangle

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



122.9720, 120.9910, 26.4550



130.9280, 60.1150, -37.7170



128.1930, -125.3490, -13.5490



116.5330, -122.8300, 1.3780

Sweetspot

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



122.9720, 120.9910, 26.4550



215.1910, 36.3110, 8.2390



121.0550, 72.6520, 104.0760



104.0690, 21.9150, 4.8190



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.



122.9720, 120.9910, 26.4550



102.6600, 139.6050, 30.5250



186.3680, 91.2910, -30.0290



120.0610, 7.1980, 1.7100



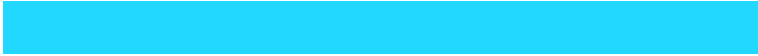
77.0670, 104.4860, 22.7100



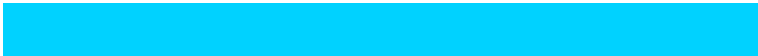
25.5930, 35.1190, 7.8150

Inverse Universe

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



166.0280, -120.9910, -26.4550



152.3400, -139.6050, -30.5250



102.6320, -91.2910, 30.0290



122.3520, -6.9230, -1.1870



114.5200, -104.7610, -23.2330



38.4070, -35.1190, -7.8150

Previews

White Background



This preview shows how the YIQ color 122.9720, 120.9910, 26.4550 looks on a white background.

Color Contrast Check

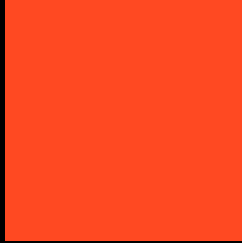
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9720, 120.9910, 26.4550 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 122.9720, 120.9910, 26.4550

Background



This preview shows how black text looks on a background with the YIQ color 122.9720, 120.9910, 26.4550.



This preview shows how white text looks on a background with the YIQ color 122.9720, 120.9910,

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

122.9720, 120.9910, 26.4550

Protanopia

134.9370, 38.7010, -24.0750

Deuteranopia

130.9940, 68.9170, -32.0350



Tritanopia

125.6570, 109.2970, 40.1530

Trichromacy



Original Color

122.9720, 120.9910, 26.4550

Protanomaly

130.9290, 68.6830, -5.7570

Deuteranomaly

127.8200, 87.8030, -10.8610

Tritanomaly

124.6480, 113.5160, 35.2760

Monochromacy



Original Color

122.9720, 120.9910, 26.4550

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1380, 43.8300, 9.6380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9720, 120.9910, 26.4550 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(255, 73, 34)` looks like.

```
.text, #text, p{  
    color:rgb(255, 73, 34)  
}
```

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(255, 73, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 73, 34) }
```

Border

The CSS property to change the border of an element to YIQ 122.9720, 120.9910, 26.4550 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(255, 73, 34) }
```


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

```
.border{ border-color:rgb(255, 73, 34) }
```

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

Here you see how a box with a 4 pixel rgb(255, 73, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 73, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 73, 34);  
box-shadow:4px 4px 4px 4px rgb(255, 73,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9720, 120.9910, 26.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 73, 34) }
```

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

```
.background{ background-color: rgb(255, 73,  
34) }
```

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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