

Converting Colors

YIQ(112.5370, 126.9500,
34.1020)

Have a look what the booklet for
YIQ(112.5370, 126.9500, 34.1020)
contains.

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Color

**YIQ(112.5370, 126.9500,
34.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	FF381E
RGB	255, 56, 30
RGB Percent	100%, 22%, 12%
CMY	0.0000, 0.7807, 0.8818
CMYK	0.00, 0.78, 0.88, 0.00
HSL	7°, 100%, 56%
HSV	7°, 88%, 100%
XYZ	42.8862, 24.1747, 3.6431
YIQ	112.5370, 126.9500, 34.1020

Conversions

Conversions Part 2

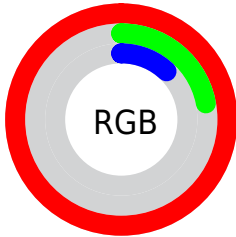
Format	Color
R_{YB}	255, 59, 30
Decimal	16726046
CIE _{Lab}	56.26, 72.02, 60.14
CIE _{LCh}	56, 93.832, 39.864
Yxy	24.1747, 0.6066, 0.3419
Android (android.graphics.Color)	4294916126 (0xFFFF381E)
YUV	112.5370, -40.6907, 124.9401
Hunter-Lab	49.1677, 69.6517, 30.0243

Details

The YIQ color **112.5370, 126.9500, 34.1020** 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 **172.4630, -126.9500, -34.1020**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2180, 93.5750, 16.7030**, and **56.5110, 112.6440, 40.0680** is the 20% darker color. If you saturate the color by 10%, you get **96.1860, 141.3000, 38.3560**, and if you desaturate by 10%, it is **129.0020, 112.2790, 30.1590**.

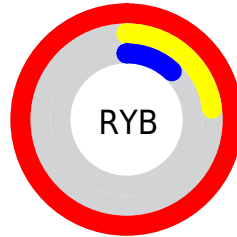
Distribution



Red (100%)

Green (22%)

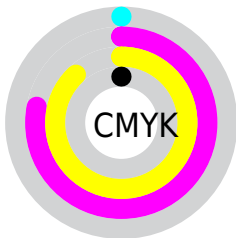
Blue (12%)



Red (100%)

Yellow (23%)

Blue (12%)

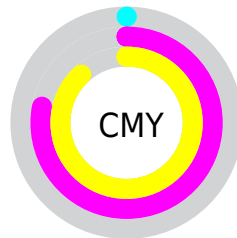


Cyan (0%)

Magenta (78%)

Yellow (88%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.5370, 126.9500, 34.1020 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 112.5370, 126.9500, 34.1020 by changing the saturation by 10% instead.


 112.5370,
126.9500, 34.1020


 112.5370,
126.9500, 34.1020


255.0000, -0.0000,
-0.0000

 66.4920, 131.9910,
47.3750


 155.2180, 93.5750,
16.7030


 56.5110, 112.6440,
40.0680


 175.7920, 76.9790,
9.0990


 46.6440, 92.9760,
33.0720


 195.7790, 60.6580,
2.0180

 36.7770, 73.3080,
26.0760

 216.3530, 44.0620,
-5.5860

 27.7360, 54.1900,
20.1260

 237.1550, 26.8240,
-12.5680


 18.8800, 35.9890,
14.0770

 250.3260, 13.1610,


 7.8880, 15.1750,


-12.7510


5.8230

 253.6320, 3.8520,
-3.7320


 0.0000, 0.0000,
0.0000


 112.5370,
126.9500, 34.1020


 112.5370,
126.9500, 34.1020


 96.1860, 141.3000,
38.3560

 129.0020,
112.2790, 30.1590

 93.2680, 144.0050,
38.8930

 144.7660, 98.2040,
26.4280

 161.2310, 83.5330,
22.4850

 176.9950, 69.4580,
18.7540

 193.4600, 54.7870,
14.8110

■ 209.2240, 40.7120,
11.0800

■ 225.6890, 26.0410,
7.1370

■ 242.0400, 11.6910,
2.8830

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



112.5370, 126.9500, 34.1020



125.8760, 93.3970, -13.1230

Triad

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



112.5370, 126.9500, 34.1020



105.2910, -69.1290, -63.2810



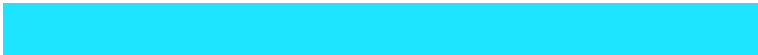
110.0760, -119.8050, 7.1310

Complementary

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



112.5370, 126.9500, 34.1020



172.4630, -126.9500, -34.1020

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.



122.4030, -125.5800, -3.8520



112.5370, 126.9500, 34.1020



116.9700, -97.8810, -37.7930

Square

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



112.5370, 126.9500, 34.1020



99.6340, -28.2750, -76.8110



125.2750, -122.6440, -13.0120



135.3440, -10.1900, 63.5540

Rectangle

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



112.5370, 126.9500, 34.1020



126.5200, 61.4440, -34.2680



125.2750, -122.6440, -13.0120



115.3590, -122.2800, 2.4240

Sweetspot

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



112.5370, 126.9500, 34.1020



212.8430, 37.4110, 10.3310



120.4170, 68.9370, 110.8330



102.8950, 22.4650, 5.8650



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.



112.5370, 126.9500, 34.1020



93.2680, 144.0050, 38.8930



176.5200, 96.9750, -22.9050



119.4740, 7.4730, 2.2330



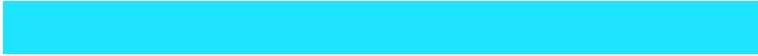
70.0230, 107.7860, 28.9860



23.2450, 36.2190, 9.9070

Inverse Universe

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



172.4630, -126.9500, -34.1020



161.7320, -144.0050, -38.8930



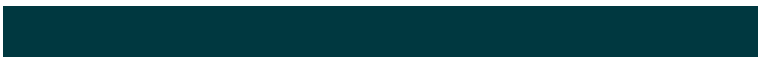
108.4800, -96.9750, 22.9050



122.9390, -7.1980, -1.7100



120.9770, -107.7860, -28.9860



40.1680, -35.9440, -9.3840

Previews

White Background



This preview shows how the YIQ color 112.5370, 126.9500, 34.1020 looks on a white background.

Color Contrast Check

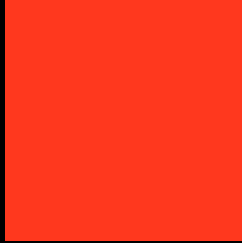
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.5370, 126.9500, 34.1020 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 112.5370, 126.9500, 34.1020

Background



This preview shows how black text looks on a background with the YIQ color 112.5370, 126.9500, 34.1020.



This preview shows how white text looks on a background with the YIQ color 112.5370, 126.9500,

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

112.5370, 126.9500, 34.1020

Protanopia

129.9800, 37.1420, -23.3540

Deuteranopia

126.2650, 66.7160, -30.6920



Tritanopia

114.0990, 119.7960, 42.6120

Trichromacy



Original Color

112.5370, 126.9500, 34.1020

Protanomaly

123.5210, 70.0120, -2.3080

Deuteranomaly

121.5260, 88.8110, -7.1010

Tritanomaly

113.6600, 122.4100, 39.2900

Monochromacy



Original Color

112.5370, 126.9500, 34.1020

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8010, 46.3970, 12.6770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5370, 126.9500, 34.1020 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, 56, 30)` looks like.

```
.text, #text, p{  
    color:rgb(255, 56, 30)  
}
```

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, 56, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 56, 30) }
```

Border

The CSS property to change the border of an element to YIQ 112.5370, 126.9500, 34.1020 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, 56, 30) }
```


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

```
.border{ border-color:rgb(255, 56, 30) }
```

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

Here you see how a box with a 4 pixel rgb(255, 56, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 56, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 56, 30);  
box-shadow:4px 4px 4px 4px rgb(255, 56,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 112.5370, 126.9500, 34.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 56, 30) }
```

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

```
.background{ background-color: rgb(255, 56,  
30) }
```

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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