

Converting Colors

YIQ(132.3290, 52.6370,
-12.3150)

Have a look what the booklet for
YIQ(132.3290, 52.6370, -12.3150)
contains.

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Color

**YIQ(132.3290, 52.6370,
-12.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7E35
RGB	175, 126, 53
RGB Percent	69%, 49%, 21%
CMY	0.3137, 0.5059, 0.7919
CMYK	0.00, 0.28, 0.70, 0.31
HSL	36°, 53%, 45%
HSV	36°, 70%, 69%
XYZ	25.7856, 24.2901, 6.7057
YIQ	132.3290, 52.6370, -12.3150

Conversions

Conversions Part 2

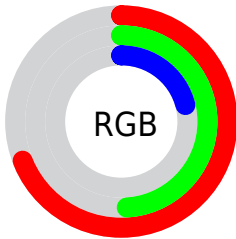
Format	Color
R_{YB}	135, 175, 53
Decimal	11501109
CIE _{Lab}	56.38, 11.71, 45.81
CIE _{LCh}	56, 47.280, 75.660
Yxy	24.2901, 0.4541, 0.4278
Android (android.graphics.Color)	4289691189 (0xFFAF7E35)
YUV	132.3290, -39.1092, 37.4225
Hunter-Lab	49.2850, 7.1414, 26.4325

Details

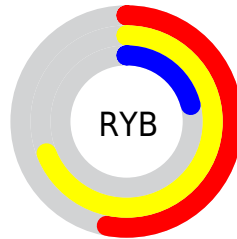
The YIQ color **132.3290, 52.6370, -12.3150** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **95.6710, -52.6370, 12.3150**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7810, 57.1760, -11.9760**, and **80.4810, 49.1530, -15.2550** is the 20% darker color. If you saturate the color by 10%, you get **126.2820, 60.0190, -13.9410**, and if you desaturate by 10%, it is **138.4900, 44.9340, -10.3780**.

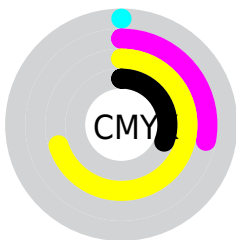
Distribution



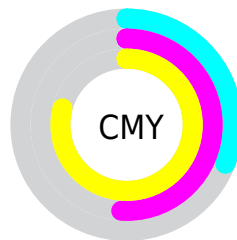
- Red (69%)
- Green (49%)
- Blue (21%)



- Red (53%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (28%)
- Yellow (70%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.3290, 52.6370, -12.3150 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 132.3290, 52.6370, -12.3150 by changing the saturation by 10% instead.


 132.3290, 52.6370,
-12.3150


 132.3290, 52.6370,
-12.3150


255.0000, -0.0000,
-0.0000


 106.1330, 50.2530,
-13.1630


 186.7810, 57.1760,
-11.9760


 80.4810, 49.1530,
-15.2550


 211.8730, 53.9210,
-13.5590


 59.2060, 39.9820,
-8.7380

 231.3870, 37.5540,
-19.8060

 38.5070, 29.0690,
-3.6910

 246.7920, 23.1120,
-22.3920

 19.2920, 19.6690,
1.4690

 249.9840, 14.1240,
-13.6840

 0.0000, 0.0000,
0.0000

 253.2900, 4.8150,

-4.6650

■ 132.3290, 52.6370,
-12.3150

■ 132.3290, 52.6370,
-12.3150

■ 126.2820, 60.0190,
-13.9410

■ 138.4900, 44.9340,
-10.3780

■ 120.1210, 67.7220,
-15.8780

■ 144.5370, 37.5520,
-8.7520

■ 114.0740, 75.1040,
-17.5040

■ 150.6980, 29.8490,
-6.8150

■ 113.9600, 75.4250,
-17.8150

■ 156.7450, 22.4670,
-5.1890

■ 162.9060, 14.7640,
-3.2520

■ 168.9530, 7.3820,
-1.6260

■ 175.1140, -0.3210,
0.3110

■ 181.1610, -7.7030,
1.9370

■ 187.3220,
-15.4060, 3.8740

Harmonies

Analogous

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



133.8600, 65.1040, 9.5520



132.3290, 52.6370, -12.3150



129.2560, 27.3770, -28.1030

Triad

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



132.3290, 52.6370, -12.3150



109.3560, -92.9760, -33.0720



139.4290, 4.4870, 34.3350

Complementary

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



132.3290, 52.6370, -12.3150



95.6710, -52.6370, 12.3150

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.



132.6770, -43.6060, 19.3540



132.3290, 52.6370, -12.3150



111.8130, -104.0280, -19.9960

Square

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



132.3290, 52.6370, -12.3150



103.2800, -78.6230, -45.3990



109.6250, -108.8900, -8.9700



137.8710, 41.3490, 38.0930

Rectangle

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



132.3290, 52.6370, -12.3150



125.9910, 3.0780, -33.7700



109.6250, -108.8900, -8.9700



138.3070, -9.9090, 30.9150

Sweetspot

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



132.3290, 52.6370, -12.3150



210.3750, 20.6330, -4.9910



95.2920, 56.3410, 41.7250



104.6500, 12.6090, -2.7430



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132.3290, 52.6370, -12.3150



160.0270, 82.4860, -19.1300



158.1020, 33.2020, -40.0620



83.6260, 3.9890, -0.7070



97.6800, 64.6500, -15.2700



15.0950, 9.8580, -2.4460

Inverse Universe

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



95.6710, -52.6370, 12.3150



102.9730, -82.4860, 19.1300



69.8980, -33.2020, 40.0620



81.3740, -3.9890, 0.7070



52.3200, -64.6500, 15.2700



7.9050, -9.8580, 2.4460

Previews

White Background



This preview shows how the YIQ color 132.3290, 52.6370, -12.3150 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 132.3290, 52.6370, -12.3150 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 132.3290, 52.6370, -12.3150

Background



This preview shows how black text looks on a background with the YIQ color 132.3290, 52.6370, -12.3150.



This preview shows how white text looks on a background with the YIQ color 132.3290, 52.6370,

-12.3150.

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

132.3290, 52.6370, -12.3150

Protanopia

131.3650, 34.6200, -21.7000

Deuteranopia

132.1820, 48.5570, -15.4670



Tritanopia

137.5640, 34.0630, 15.9430

Trichromacy



Original Color

132.3290, 52.6370, -12.3150

Protanomaly

131.5940, 41.4050, -18.0110

Deuteranomaly

132.1930, 50.0240, -14.5200

Tritanomaly

135.6490, 40.7130, 5.5530

Monochromacy



Original Color

132.3290, 52.6370, -12.3150

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.3040, 19.3950, -4.5810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.3290, 52.6370, -12.3150 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(175, 126, 53)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 53)  
}
```

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(175, 126, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 53) }
```

Border

The CSS property to change the border of an element to YIQ 132.3290, 52.6370, -12.3150 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(175, 126, 53) }
```


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

```
.border{ border-color:rgb(175, 126, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 126, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 126, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 126, 53);  
box-shadow:4px 4px 4px 4px rgb(175, 126,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 132.3290, 52.6370, -12.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 53) }
```

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

```
.background{ background-color: rgb(175,  
126, 53) }
```

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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