

Converting Colors

YIQ(45.1290, 12.5180, -6.6020)

Have a look what the booklet for
YIQ(45.1290, 12.5180, -6.6020)
contains.

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Color

**YIQ(45.1290, 12.5180,
-6.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	352E14
RGB	53, 46, 20
RGB Percent	21%, 18%, 8%
CMY	0.7922, 0.8196, 0.9215
CMYK	0.00, 0.13, 0.62, 0.79
HSL	47°, 45%, 14%
HSV	47°, 62%, 21%
XYZ	2.5715, 2.7612, 1.0601
YIQ	45.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

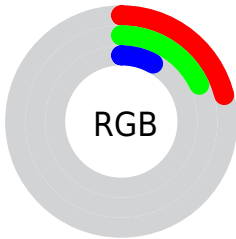
Format	Color
RYB	29, 53, 20
Decimal	3485204
CIELab	19.06, -1.02, 17.74
CIElCh	19, 17.773, 93.300
Yxy	2.7612, 0.4023, 0.4319
Android (android.graphics.Color)	4281675284 (0xFF352E14)
YUV	45.1290, -12.3886, 6.9029
Hunter-Lab	16.6169, -1.4562, 7.8494

Details

The YIQ color **45.1290, 12.5180, -6.6020** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.8710, -12.5180, 6.6020**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.3850, 14.6730, -7.1110**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.9720, 14.3980, -7.6340**, and if you desaturate by 10%, it is **46.2860, 10.6380, -5.5700**.

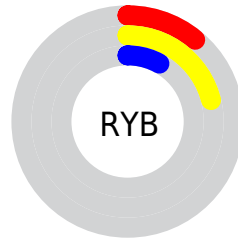
Distribution



Red (21%)

Green (18%)

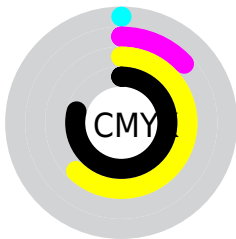
Blue (8%)



Red (11%)

Yellow (21%)

Blue (8%)

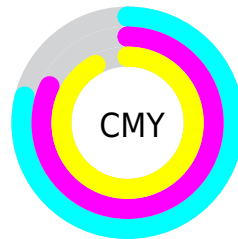


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (79%)



Cyan (79%)

Magenta (82%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.1290, 12.5180, -6.6020 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 45.1290, 12.5180, -6.6020 by changing the saturation by 10% instead.

■ 45.1290, 12.5180,
-6.6020

■ 45.1290, 12.5180,
-6.6020

■ 253.9740, 2.8890,
-2.7990

■ 24.2430, 12.1970,
-6.2910

■ 91.3850, 14.6730,
-7.1110

■ 0.0000, 0.0000,
0.0000

■ 115.6840, 15.2690,
-6.8990

■ 141.4560, 15.9110,
-7.5210

■ 167.7550, 16.5070,
-7.3090

■ 194.9400, 17.4240,
-7.4080

■ 222.8260, 17.7450,

-7.7190

■ 249.0210, 12.7020,
-9.9380

■ 45.1290, 12.5180,
-6.6020

■ 45.1290, 12.5180,
-6.6020

■ 43.9720, 14.3980,
-7.6340

■ 46.2860, 10.6380,
-5.5700

■ 42.7010, 16.5990,
-8.9770

■ 47.5570, 8.4370,
-4.2270

■ 41.5440, 18.4790,
-10.0090

■ 48.7140, 6.5570,
-3.1950

■ 40.5010, 20.0380,
-10.7300

■ 49.8710, 4.6770,
-2.1630

■ 51.7290, 2.2010,
-1.3430

■ 52.8860, 0.3210,
-0.3110

■ 54.0430, -1.5590,
0.7210

■ 55.2000, -3.4390,
1.7530

■ 56.4710, -5.6400,
3.0960

Harmonies

Analogous

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



45.8250, 19.4860, -0.7220



45.1290, 12.5180, -6.6020



43.7470, 1.7900, -10.4180

Triad

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



45.1290, 12.5180, -6.6020



37.9510, -33.8350, -9.0590



48.0540, 9.0760, 11.7320

Complementary

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



45.1290, 12.5180, -6.6020



27.8710, -12.5180, 6.6020

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.



47.0570, -4.1740, 9.5700



45.1290, 12.5180, -6.6020



37.8030, -36.1740, -5.2140

Square

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



45.1290, 12.5180, -6.6020



36.7680, -29.0660, -12.8900



44.1690, -19.3490, 3.7470



47.1920, 17.3750, 10.0070

Rectangle

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



45.1290, 12.5180, -6.6020



42.0280, -6.3710, -11.1950



44.1690, -19.3490, 3.7470



47.9010, 5.1330, 11.6050

Sweetspot

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



45.1290, 12.5180, -6.6020



65.7570, 4.9980, -2.4740



30.6650, 17.4210, 9.1730



33.8000, 3.4390, -1.7530



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



45.1290, 12.5180, -6.6020



56.6150, 19.7170, -10.4190



46.5470, 5.2290, -12.1710



25.0710, 1.2380, -0.4100



67.7010, 33.7940, -17.7420



165.2600, 82.3070, -43.4290

Inverse Universe

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



27.8710, -12.5180, 6.6020



29.3850, -19.7170, 10.4190



26.4530, -5.2290, 12.1710



23.3420, -0.9630, 0.9330



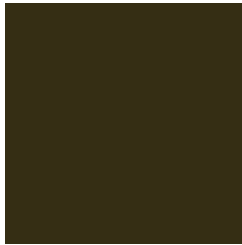
21.2990, -33.7940, 17.7420



51.7400, -82.3070, 43.4290

Previews

White Background



This preview shows how the YIQ color 45.1290, 12.5180, -6.6020 looks on a white background.

Color Contrast Check

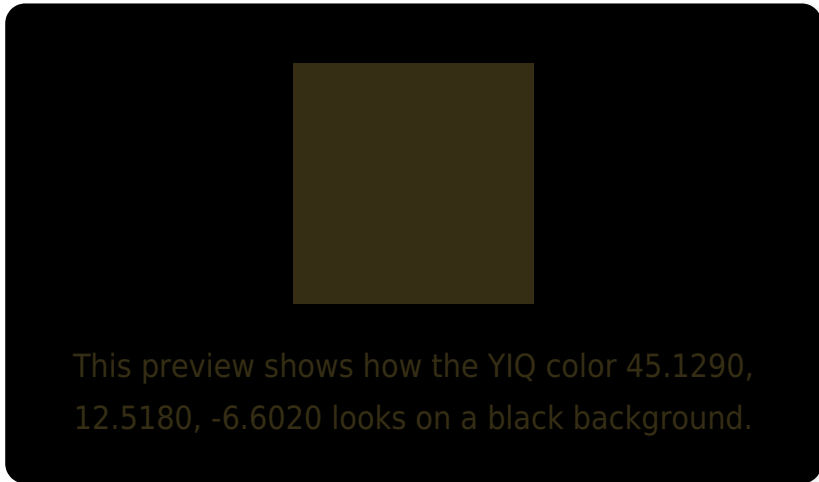
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

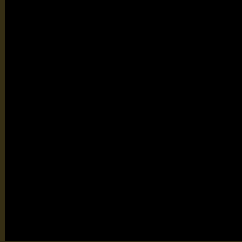
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 45.1290, 12.5180, -6.6020

Background



This preview shows how black text looks on a background with the YIQ color 45.1290, 12.5180, -6.6020.



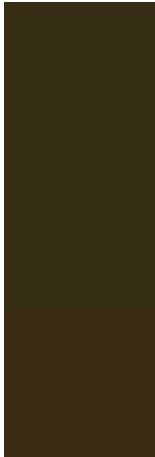
This preview shows how white text looks on a background with the YIQ color 45.1290, 12.5180,

-6.6020.

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

45.1290, 12.5180, -6.6020

Protanopia

44.8300, 11.9220, -6.8140

Deuteranopia

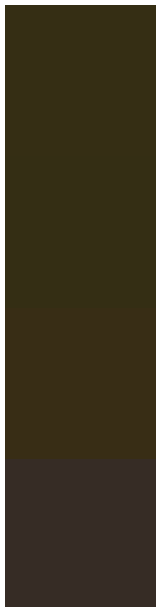
45.5640, 15.7270, -4.1850



Tritanopia

47.0440, 5.8680, 3.7880

Trichromacy



Original Color

45.1290, 12.5180, -6.6020

Protanomaly

44.8300, 11.9220, -6.8140

Deuteranomaly

45.5530, 14.2600, -5.1320

Tritanomaly

46.1920, 8.2070, -0.0570

Monochromacy



Original Color

45.1290, 12.5180, -6.6020

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.8710, 4.6770, -2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.1290, 12.5180, -6.6020 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(53, 46, 20)` looks like.

```
.text, #text, p{  
    color:rgb(53, 46, 20)  
}
```

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(53, 46, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 46, 20) }
```

Border

The CSS property to change the border of an element to YIQ 45.1290, 12.5180, -6.6020 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(53, 46, 20) }
```


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

```
.border{ border-color:rgb(53, 46, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 46, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 46, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 46, 20);  
box-shadow:4px 4px 4px 4px rgb(53, 46, 20)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.1290, 12.5180, -6.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 46, 20) }
```

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

```
.background{ background-color: rgb(53, 46,  
20) }
```

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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