

Converting Colors

YIQ(28.3010, 15.4500, 6.3460)

Have a look what the booklet for
YIQ(28.3010, 15.4500, 6.3460)
contains.

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Color

**YIQ(28.3010, 15.4500,
6.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1416
RGB	47, 20, 22
RGB Percent	18%, 8%, 9%
CMY	0.8156, 0.9216, 0.9137
CMYK	0.00, 0.57, 0.53, 0.82
HSL	356°, 40%, 13%
HSV	356°, 57%, 18%
XYZ	1.5680, 1.1626, 0.9016
YIQ	28.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

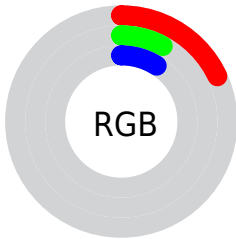
Format	Color
R_{YB}	47, 20, 22
Decimal	3085334
CIE _{Lab}	10.28, 14.01, 4.83
CIE _{LCh}	10, 14.820, 19.005
Yxy	1.1626, 0.4317, 0.3201
Android (android.graphics.Color)	4281275414 (0xFF2F1416)
YUV	28.3010, -3.1064, 16.3990
Hunter-Lab	10.7825, 7.0878, 2.5902

Details

The YIQ color **28.3010, 15.4500, 6.3460** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **38.6990, -15.4500, -6.3460**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6820, 18.7510, 7.0950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.9100, 18.1090, 7.7170**, and if you desaturate by 10%, it is **31.6920, 12.7910, 4.9750**.

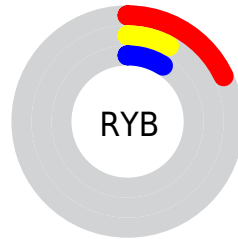
Distribution



Red (18%)

Green (8%)

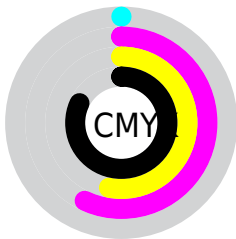
Blue (9%)



Red (18%)

Yellow (8%)

Blue (9%)

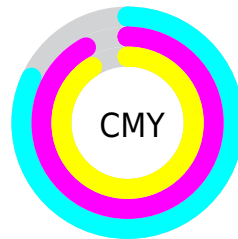


Cyan (0%)

Magenta (57%)

Yellow (53%)

Black (82%)



Cyan (82%)

Magenta (92%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.3010, 15.4500, 6.3460 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 28.3010, 15.4500, 6.3460 by changing the saturation by 10% instead.

■ 28.3010, 15.4500,
6.3460

■ 28.3010, 15.4500,
6.3460

■ 248.8050, 5.0430,
2.2190

■ 8.3720, 16.6880,
5.9360

■ 72.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 96.3940, 19.6220,
7.8300


■ 121.5790, 20.5390,
7.7310


■ 147.1770, 21.7310,
8.1550


■ 174.4760, 22.3270,
8.3670


■ 201.7750, 22.9230,


8.5790


 229.0630, 22.0520,
7.8440


 28.3010, 15.4500,
6.3460


 28.3010, 15.4500,
6.3460


 24.9100, 18.1090,
7.7170


 31.6920, 12.7910,
4.9750


 21.9920, 20.8140,
8.2540


 34.6100, 10.0860,
4.4380


 18.6010, 23.4730,
9.6250

 38.0010, 7.4270,
3.0670

 15.2100, 26.1320,
10.9960

 41.3920, 4.7680,
1.6960

 14.5090, 26.7280,
11.2080

 44.3100, 2.0630,
1.1590

■ 47.7010, -0.5960,
-0.2120

■ 51.0920, -3.2550,
-1.5830

■ 54.5970, -6.2350,
-2.6430

■ 57.4010, -8.6190,
-3.4910

Harmonies

Analogous

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



28.8430, 11.0480, 9.0320



28.3010, 15.4500, 6.3460



27.3240, 16.6430, 1.2430

Triad

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



28.3010, 15.4500, 6.3460



25.3490, -2.8410, -9.0890



23.9790, -21.8700, -0.1260

Complementary

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



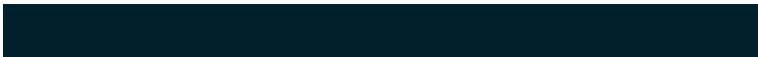
28.3010, 15.4500, 6.3460



38.6990, -15.4500, -6.3460

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.



23.6860, -22.6030, -3.3630



28.3010, 15.4500, 6.3460



22.7050, -15.5870, -9.3710

Square

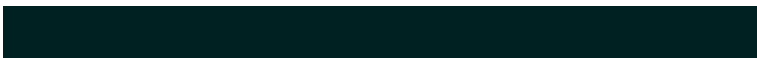
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.3010, 15.4500, 6.3460



26.0360, 8.3460, -8.0860



23.2470, -19.9890, -6.6850



28.0840, -8.8040, 5.3720

Rectangle

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



28.3010, 15.4500, 6.3460



27.3900, 16.2770, -3.1390



23.2470, -19.9890, -6.6850



23.5550, -23.6120, -1.5960

Sweetspot

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



28.3010, 15.4500, 6.3460



54.1040, 5.6390, 2.4310



30.5530, 6.2330, 13.6970



26.2070, 3.8510, 1.7950



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



28.3010, 15.4500, 6.3460



31.9000, 24.0690, 9.8370



34.5300, 13.0670, -0.0290



21.5980, 1.1920, 0.4240



26.6970, 49.9260, 20.3100



65.8100, 122.4080, 50.3440

Inverse Universe

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



28.3010, 15.4500, 6.3460



31.9000, 24.0690, 9.8370



32.4700, -13.0670, 0.0290



21.5980, 1.1920, 0.4240



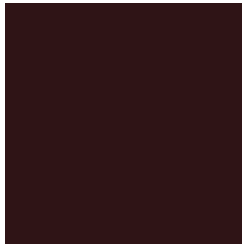
26.6970, 49.9260, 20.3100



65.8100, 122.4080, 50.3440

Previews

White Background



This preview shows how the YIQ color 28.3010, 15.4500, 6.3460 looks on a white background.

Color Contrast Check

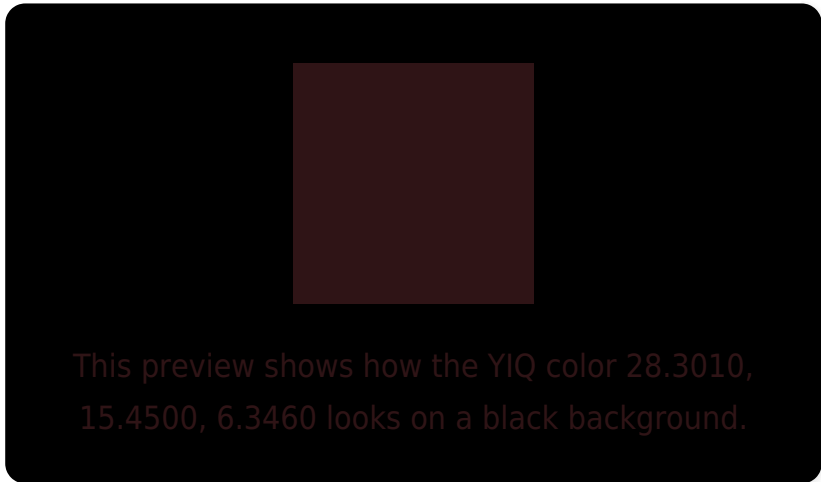
Large Text (above 18pt) WCAG AA ✓ Pass

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

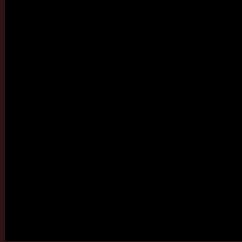
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.3010, 15.4500, 6.3460

Background



This preview shows how black text looks on a background with the YIQ color 28.3010, 15.4500, 6.3460.

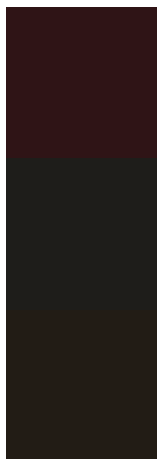


This preview shows how white text looks on a background with the YIQ color 28.3010, 15.4500,

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

28.3010, 15.4500, 6.3460

Protanopia

28.9570, 1.5590, -0.7210

Deuteranopia

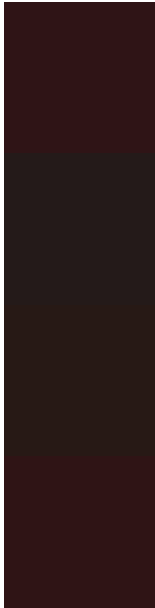
28.9960, 5.8230, -0.9050



Tritanopia

28.1870, 15.7710, 6.0350

Trichromacy



Original Color

28.3010, 15.4500, 6.3460

Protanomaly

28.8760, 6.2810, 1.8090

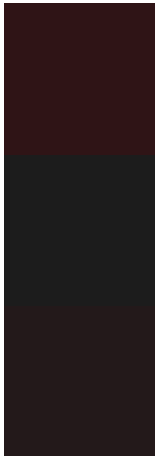
Deuteranomaly

28.7300, 9.6280, 1.7240

Tritanomaly

28.1870, 15.7710, 6.0350

Monochromacy



Original Color

28.3010, 15.4500, 6.3460

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.3010, 15.4500, 6.3460 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(47, 20, 22)` looks like.

```
.text, #text, p{  
    color:rgb(47, 20, 22)  
}
```

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(47, 20, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 20, 22) }
```

Border

The CSS property to change the border of an element to YIQ 28.3010, 15.4500, 6.3460 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(47, 20, 22) }
```


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

```
.border{ border-color:rgb(47, 20, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 20, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 20, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 20, 22);  
box-shadow:4px 4px 4px 4px rgb(47, 20, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.3010, 15.4500, 6.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 20, 22) }
```

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

```
.background{ background-color: rgb(47, 20,  
22) }
```

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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