

Converting Colors

YIQ(112.3100, 28.4260, 2.4580)

Have a look what the booklet for
YIQ(112.3100, 28.4260, 2.4580)
contains.

YIQ(112.3100, 28.4260, 2.4580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(112.3100, 28.4260,
2.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6755
RGB	141, 103, 85
RGB Percent	55%, 40%, 33%
CMY	0.4470, 0.5961, 0.6665
CMYK	0.00, 0.27, 0.40, 0.45
HSL	19°, 25%, 44%
HSV	19°, 40%, 55%
XYZ	17.4776, 16.0182, 10.7717
YIQ	112.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

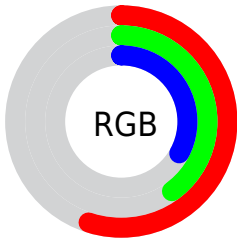
Format	Color
R_{YB}	141, 112, 85
Decimal	9267029
CIE Lab	47.00, 12.78, 16.12
CIE LCh	47, 20.572, 51.586
Yxy	16.0182, 0.3948, 0.3619
Android (android.graphics.Color)	4287457109 (0xFF8D6755)
YUV	112.3100, -13.4638, 25.1611
Hunter-Lab	40.0227, 7.9096, 12.0586

Details

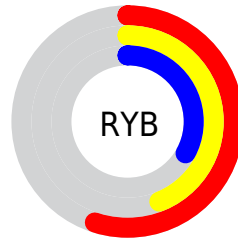
The YIQ color **112.3100, 28.4260, 2.4580** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.6900, -28.4260, -2.4580**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3920, 31.1310, 2.9950**, and **64.0430, 24.8040, 2.0200** is the 20% darker color. If you saturate the color by 10%, you get **104.8440, 35.6700, 3.3340**, and if you desaturate by 10%, it is **119.7760, 21.1820, 1.5820**.

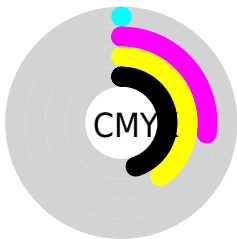
Distribution



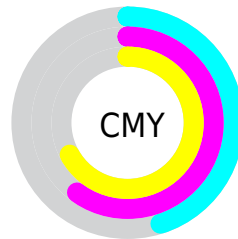
- Red (55%)
- Green (40%)
- Blue (33%)



- Red (55%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.3100, 28.4260, 2.4580 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 112.3100, 28.4260, 2.4580 by changing the saturation by 10% instead.

■ 112.3100, 28.4260,
2.4580

■ 112.3100, 28.4260,
2.4580

■ 255.0000, -0.0000,
-0.0000

■ 87.8260, 26.9130,
2.3450

■ 164.3920, 31.1310,
2.9950

■ 64.0430, 24.8040,
2.0200

■ 191.5770, 32.0480,
2.8960

■ 41.2600, 22.6950,
1.6950

■ 219.7620, 32.9650,
2.7970

■ 20.4770, 20.5860,
1.3700

■ 239.9880, 17.4690,
-2.7150

■ 0.0000, 0.0000,
0.0000

■ 253.7460, 3.5310,
-3.4210

■ 112.3100, 28.4260,
2.4580

■ 112.3100, 28.4260,
2.4580

■ 104.8440, 35.6700,
3.3340

■ 119.7760, 21.1820,
1.5820

■ 97.9650, 42.6390,
3.6870

■ 126.6550, 14.2130,
1.2290

■ 90.4990, 49.8830,
4.5630

■ 134.1210, 6.9690,
0.3530

■ 83.6200, 56.8520,
4.9160

■ 141.0000, -0.0000,
-0.0000

■ 76.1540, 64.0960,
5.7920

■ 148.5800, -7.5650,
-0.5650

■ 69.1610, 71.3860,
5.8340

■ 155.4590,
-14.5340, -0.9180

■ 68.5740, 71.6610,
6.3570

■ 162.9250,
-21.7780, -1.7940

■ 170.3910,

-29.0220, -2.6700

■ 177.2700,
-35.9910, -3.0230

Harmonies

Analogous

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



113.1670, 27.6910, 10.2750



112.3100, 28.4260, 2.4580



111.0330, 21.5960, -5.9240

Triad

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



112.3100, 28.4260, 2.4580



104.6390, -24.3890, -15.0530



112.2780, -12.1060, 10.1500

Complementary

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



112.3100, 28.4260, 2.4580



113.6900, -28.4260, -2.4580

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.



108.5530, -29.2980, 2.3340



112.3100, 28.4260, 2.4580



102.6900, -37.5940, -12.5220

Square

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



112.3100, 28.4260, 2.4580



106.6210, -6.7830, -14.7430



104.4220, -39.4750, -5.9630



114.1940, 5.8660, 14.8420

Rectangle

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



112.3100, 28.4260, 2.4580



109.5050, 14.2150, -9.8250



104.4220, -39.4750, -5.9630



111.2880, -18.0660, 8.0300

Sweetspot

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



112.3100, 28.4260, 2.4580



172.6870, 11.1870, 1.0030



106.0760, 21.1780, 23.6900



85.2350, 6.6480, 0.6640



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



112.3100, 28.4260, 2.4580



138.6340, 45.0690, 3.7010



128.7460, 20.7260, -12.1860



67.8540, 3.3470, -0.0850



65.6060, 68.6350, 6.1310



3.5660, 4.2180, 0.6500

Inverse Universe

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



113.6900, -28.4260, -2.4580



140.3660, -45.0690, -3.7010



97.2540, -20.7260, 12.1860



67.7330, -3.6220, -0.4380



69.3940, -68.6350, -6.1310



3.8470, -3.9430, -0.1270

Previews

White Background



This preview shows how the YIQ color 112.3100, 28.4260, 2.4580 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 × Fail

Black Background



This preview shows how the YIQ color 112.3100, 28.4260, 2.4580 looks on a black 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

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

YIQ 112.3100, 28.4260, 2.4580

Background



This preview shows how black text looks on a background with the YIQ color 112.3100, 28.4260, 2.4580.



This preview shows how white text looks on a background with the YIQ color 112.3100, 28.4260,

2.4580.

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

112.3100, 28.4260, 2.4580

Protanopia

111.4710, 11.5550, -5.6690

Deuteranopia

111.8530, 22.2830, -1.8530



Tritanopia

113.6550, 23.3810, 11.2930

Trichromacy



Original Color

112.3100, 28.4260, 2.4580

Protanomaly

111.9880, 17.4690, -2.7150

Deuteranomaly

112.1630, 24.3460, -0.6940

Tritanomaly

113.0310, 25.0780, 8.0700

Monochromacy



Original Color

112.3100, 28.4260, 2.4580

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.3880, 10.5910, 0.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3100, 28.4260, 2.4580 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(141, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(141, 103, 85)  
}
```

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(141, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 103, 85) }
```

Border

The CSS property to change the border of an element to YIQ 112.3100, 28.4260, 2.4580 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(141, 103, 85) }
```


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

```
.border{ border-color:rgb(141, 103, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 103, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(141, 103,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3100, 28.4260, 2.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 103, 85) }
```

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

```
.background{ background-color: rgb(141,  
103, 85) }
```

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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