

Converting Colors

YIQ(101.2710, 112.4190,
16.6030)

Have a look what the booklet for
YIQ(101.2710, 112.4190, 16.6030)
contains.

YIQ(101.2710, 112.4190, 16.6030)	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(101.2710, 112.4190,
16.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	DB3C05
RGB	219, 60, 5
RGB Percent	86%, 24%, 2%
CMY	0.1408, 0.7649, 0.9799
CMYK	0.00, 0.73, 0.98, 0.14
HSL	15°, 95%, 44%
HSV	15°, 98%, 86%
XYZ	30.8803, 18.3096, 2.0537
YIQ	101.2710, 112.4190, 16.6030

Conversions

Conversions Part 2

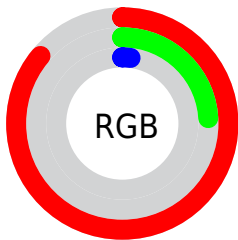
Format	Color
RYB	219, 79, 5
Decimal	14367749
CIELab	49.87, 59.81, 60.33
CIELCh	50, 84.952, 45.248
Yxy	18.3096, 0.6026, 0.3573
Android (android.graphics.Color)	4292557829 (0xFFDB3C05)
YUV	101.2710, -47.4616, 103.2483
Hunter-Lab	42.7897, 53.9368, 27.1072

Details

The YIQ color **101.2710, 112.4190, 16.6030** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **122.7290, -112.4190, -16.6030**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.9920, 99.9030, 12.1510**, and **46.0460, 91.7840, 32.6480** is the 20% darker color. If you saturate the color by 10%, you get **98.3530, 115.1240, 17.1400**, and if you desaturate by 10%, it is **113.1710, 100.9570, 15.0770**.

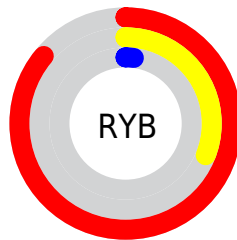
Distribution



Red (86%)

Green (24%)

Blue (2%)



Red (86%)

Yellow (31%)

Blue (2%)

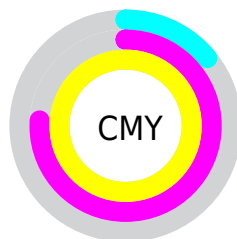


Cyan (0%)

Magenta (73%)

Yellow (98%)

Black (14%)



Cyan (14%)


Magenta (76%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.2710, 112.4190, 16.6030 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 101.2710, 112.4190, 16.6030 by changing the saturation by 10% instead.


 101.2710,
112.4190, 16.6030


 101.2710,
112.4190, 16.6030


254.6580, 0.9630,
-0.9330


 70.5880, 104.5770,
26.5690


 151.9920, 99.9030,
12.1510


 46.3450, 92.3800,
32.8600


 171.8650, 83.9030,
4.7590


 36.7770, 73.3080,
26.0760


 191.2650, 67.8570,
-1.7990

 27.5080, 54.8320,
19.5040

 211.3660, 51.2150,
-8.5690

 19.4780, 37.1810,
14.5010

 231.4670, 34.5730,
-15.3390

 9.0840, 17.5590,
6.6710

 248.1600, 19.2600,

 0.0000, 0.0000,

-18.6600

0.0000

■ 251.3520, 10.2720,
-9.9520

■ 101.2710,
112.4190, 16.6030

■ 101.2710,
112.4190, 16.6030

■ 98.3530, 115.1240,
17.1400

■ 113.1710,
100.9570, 15.0770

■ 125.6580, 89.2200,
13.0280

■ 137.5580, 77.7580,
11.5020

■ 149.4580, 66.2960,
9.9760

■ 161.3580, 54.8340,
8.4500

■ 173.8450, 43.0970,
6.4010

■ 185.6310, 31.9560,
4.5640

■ 197.5310, 20.4940,
3.0380

■ 210.0180, 8.7570,
0.9890

Harmonies

Analogous

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



81.5640, 115.4340, 77.6260



101.2710, 112.4190, 16.6030



111.6010, 75.0580, -16.6700

Triad

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



101.2710, 112.4190, 16.6030



94.7080, -65.5090, -51.7890



97.1620, -113.7550, 18.6370

Complementary

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



101.2710, 112.4190, 16.6030



122.7290, -112.4190, -16.6030

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.



110.0760, -119.8050, 7.1310



101.2710, 112.4190, 16.6030



104.5460, -90.4550, -29.1990

Square

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



101.2710, 112.4190, 16.6030



82.1800, -38.5000, -73.2200



111.4830, -111.3660, -8.1500



118.9560, 5.5820, 64.0620

Rectangle

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



101.2710, 112.4190, 16.6030



110.5060, 46.8640, -34.3520



111.4830, -111.3660, -8.1500



102.4450, -116.2300, 13.9300

Sweetspot

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



101.2710, 112.4190, 16.6030



214.2790, 38.8790, 5.7510



87.3400, 75.8630, 95.4390



102.9120, 23.7950, 3.7870



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.



101.2710, 112.4190, 16.6030



114.4000, 134.1050, 20.0650



163.4930, 83.2690, -38.8350



103.4630, 6.0060, 1.2860



77.5550, 91.0080, 13.6640



20.7980, 24.1160, 3.4760

Inverse Universe

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



122.7290, -112.4190, -16.6030



140.6000, -134.1050, -20.0650



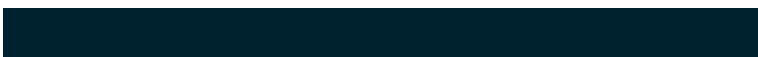
61.0940, -83.5440, 38.3120



104.9500, -5.7310, -0.7630



95.4450, -91.0080, -13.6640



25.2020, -24.1160, -3.4760

Previews

White Background



This preview shows how the YIQ color 101.2710, 112.4190, 16.6030 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 101.2710, 112.4190, 16.6030 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 101.2710, 112.4190, 16.6030

Background



This preview shows how black text looks on a background with the YIQ color 101.2710, 112.4190, 16.6030.



This preview shows how white text looks on a background with the YIQ color 101.2710, 112.4190,

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

101.2710, 112.4190, 16.6030

Protanopia

113.3560, 38.8390, -26.5770

Deuteranopia

111.1810, 58.3250, -27.2990



Tritanopia

105.2640, 97.1020, 35.3900

Trichromacy



Original Color

101.2710, 112.4190, 16.6030

Protanomaly

108.9130, 65.6120, -10.6760

Deuteranomaly

107.7310, 77.8080, -11.4400

Tritanomaly

103.6850, 102.9260, 28.9580

Monochromacy



Original Color

101.2710, 112.4190, 16.6030

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.0620, 40.9880, 6.0760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2710, 112.4190, 16.6030 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(219, 60, 5)` looks like.

```
.text, #text, p{  
    color:rgb(219, 60, 5)  
}
```

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(219, 60, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 60, 5) }
```

Border

The CSS property to change the border of an element to YIQ 101.2710, 112.4190, 16.6030 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(219, 60, 5) }
```


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

```
.border{ border-color:rgb(219, 60, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 60, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 60, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 60, 5);  
box-shadow:4px 4px 4px 4px rgb(219, 60, 5)  
}
```

Background

The CSS property to change the background color of an element to YIQ 101.2710, 112.4190, 16.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 60, 5) }
```

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

```
.background{ background-color: rgb(219, 60,  
5) }
```

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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