

Converting Colors

YIQ(99.1110, 110.3540, 26.4980)

Have a look what the booklet for
YIQ(99.1110, 110.3540, 26.4980)
contains.

YIQ(99.1110, 110.3540, 26.4980)	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(99.1110, 110.3540,
26.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3416
RGB	221, 52, 22
RGB Percent	87%, 20%, 9%
CMY	0.1330, 0.7963, 0.9133
CMYK	0.00, 0.77, 0.90, 0.13
HSL	9°, 82%, 48%
HSV	9°, 90%, 87%
XYZ	31.2194, 17.8955, 2.5738
YIQ	99.1110, 110.3540, 26.4980

Conversions

Conversions Part 2

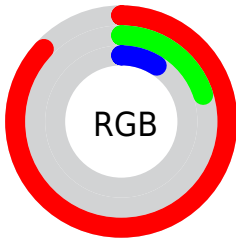
Format	Color
R_{YB}	221, 57, 22
Decimal	14496790
CIE Lab	49.37, 63.22, 55.31
CIE LCh	49, 83.998, 41.181
Yxy	17.8955, 0.6040, 0.3462
Android (android.graphics.Color)	4292686870 (0xFFDD3416)
YUV	99.1110, -38.0157, 106.8967
Hunter-Lab	42.3031, 57.7011, 26.0049

Details

The YIQ color **99.1110, 110.3540, 26.4980** 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 **143.8890, -110.3540, -26.4980**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1970, 98.0680, 17.8760**, and **46.6440, 92.9760, 33.0720** is the 20% darker color. If you saturate the color by 10%, you get **85.4500, 122.6410, 29.5930**, and if you desaturate by 10%, it is **112.7720, 98.0670, 23.4030**.

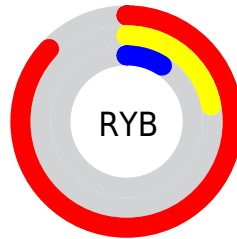
Distribution



Red (87%)

Green (20%)

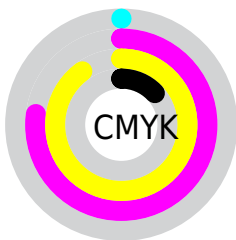
Blue (9%)



Red (87%)

Yellow (22%)

Blue (9%)

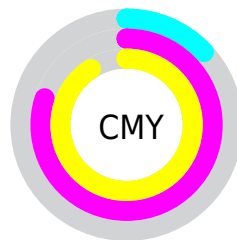


Cyan (0%)

Magenta (77%)

Yellow (90%)

Black (13%)



Cyan (13%)


Magenta (80%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.1110, 110.3540, 26.4980 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 99.1110, 110.3540, 26.4980 by changing the saturation by 10% instead.


 99.1110, 110.3540,
26.4980


 99.1110, 110.3540,
26.4980


255.0000, -0.0000,
-0.0000


 60.0330, 110.9940,
36.9300


 150.1970, 98.0680,
17.8760


 46.9430, 93.5720,
33.2840

 169.4830, 82.3430,
11.0070


 37.3750, 74.5000,
26.5000


 189.3560, 66.3430,
3.6150

 27.8070, 55.4280,
19.7160

 209.4570, 49.7010,
-3.1550

 19.7770, 37.7770,
14.7130

 229.5580, 33.0590,
-9.9250

 9.3830, 18.1550,
6.8830

 249.1860, 16.3710,

 0.0000, 0.0000,

-15.8610

0.0000

■ 252.3780, 7.3830,
-7.1530

■ 99.1110, 110.3540,
26.4980

■ 99.1110, 110.3540,
26.4980

■ 85.4500, 122.6410,
29.5930

■ 112.7720, 98.0670,
23.4030

■ 126.4330, 85.7800,
20.3080

■ 139.5070, 73.7680,
17.7360

■ 153.2820, 61.1600,
14.9520

■ 166.9430, 48.8730,
11.8570

■ 180.6040, 36.5860,
8.7620

■ 194.2650, 24.2990,
5.6670

■ 207.3390, 12.2870,
3.0950

■ 221.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.8780, 111.6740, 79.6900



99.1110, 110.3540, 26.4980



110.4600, 80.0090, -12.7830

Triad

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



99.1110, 110.3540, 26.4980



92.2800, -61.4280, -54.1640



98.3360, -114.3050, 17.5910

Complementary

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



99.1110, 110.3540, 26.4980



143.8890, -110.3540, -26.4980

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.



109.9620, -119.4840, 6.8200



99.1110, 110.3540, 26.4980



102.0040, -86.0530, -31.8850

Square

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



99.1110, 110.3540, 26.4980



83.1100, -32.3110, -69.7430



109.7560, -107.8810, -10.7370



118.4490, -6.2920, 58.9880

Rectangle

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



99.1110, 110.3540, 26.4980



110.2510, 52.1360, -30.7760



109.7560, -107.8810, -10.7370



103.6190, -116.7800, 12.8840

Sweetspot

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



99.1110, 110.3540, 26.4980



212.5010, 38.3740, 9.3980



101.2230, 63.0710, 95.9910



102.7810, 22.7860, 5.5540



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.



99.1110, 110.3540, 26.4980



98.5510, 141.5300, 34.1860



155.4630, 83.9540, -23.7100



102.8760, 6.2810, 1.8090



66.9890, 95.9580, 23.0780



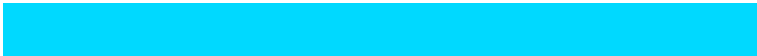
17.8630, 25.4910, 6.0910

Inverse Universe

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



143.8890, -110.3540, -26.4980



156.4490, -141.5300, -34.1860



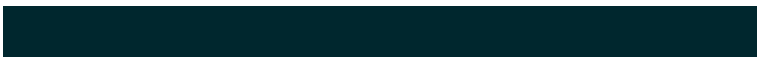
87.5370, -83.9540, 23.7100



105.5370, -6.0060, -1.2860



106.0110, -95.9580, -23.0780



28.1370, -25.4910, -6.0910

Previews

White Background



This preview shows how the YIQ color 99.1110, 110.3540, 26.4980 looks on a white background.

Color Contrast Check

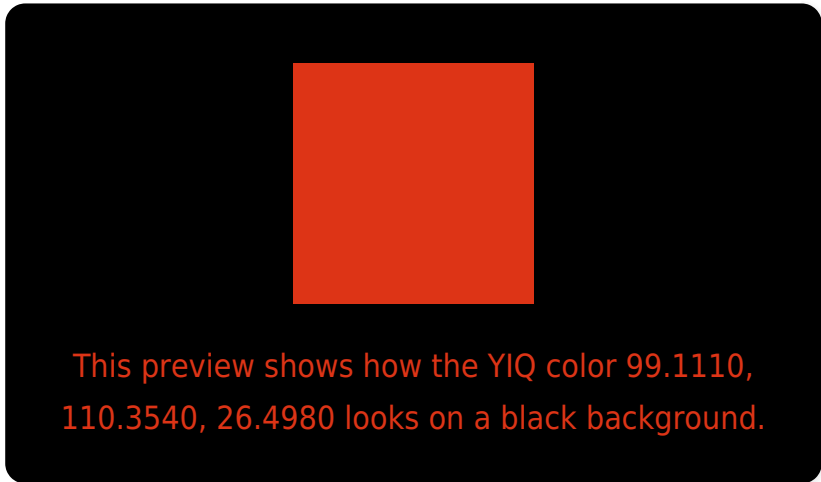
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

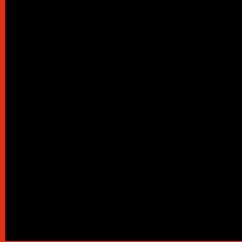
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 99.1110, 110.3540, 26.4980

Background



This preview shows how black text looks on a background with the YIQ color 99.1110, 110.3540, 26.4980.



This preview shows how white text looks on a background with the YIQ color 99.1110, 110.3540,

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

99.1110, 110.3540, 26.4980

Protanopia

113.0660, 34.0240, -21.9120

Deuteranopia

110.2950, 58.0040, -26.9880



Tritanopia

100.8410, 102.7870, 36.9870

Trichromacy



Original Color

99.1110, 110.3540, 26.4980

Protanomaly

107.8620, 61.6220, -4.4420

Deuteranomaly

106.0670, 76.9820, -7.4820

Tritanomaly

100.2880, 105.7220, 33.3540

Monochromacy



Original Color

99.1110, 110.3540, 26.4980

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.9850, 39.8870, 9.5110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.1110, 110.3540, 26.4980 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(221, 52, 22)` looks like.

```
.text, #text, p{  
    color:rgb(221, 52, 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(221, 52, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 52, 22) }
```

Border

The CSS property to change the border of an element to YIQ 99.1110, 110.3540, 26.4980 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(221, 52, 22) }
```


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

```
.border{ border-color:rgb(221, 52, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 52, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 52, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 52, 22);  
box-shadow:4px 4px 4px 4px rgb(221, 52,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 99.1110, 110.3540, 26.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 52, 22) }
```

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

```
.background{ background-color: rgb(221, 52,  
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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