

Converting Colors

YIQ(99.1710, 11.5590, -27.7770)

Have a look what the booklet for
YIQ(99.1710, 11.5590, -27.7770)
contains.

YIQ(99.1710, 11.5590, -27.7770)	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(99.1710, 11.5590,
-27.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7227
RGB	93, 114, 39
RGB Percent	36%, 45%, 15%
CMY	0.6354, 0.5529, 0.8469
CMYK	0.18, 0.00, 0.66, 0.55
HSL	77°, 49%, 30%
HSV	77°, 66%, 45%
XYZ	10.8966, 14.5091, 4.1480
YIQ	99.1710, 11.5590, -27.7770

Conversions

Conversions Part 2

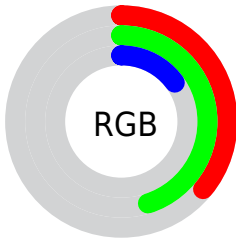
Format	Color
R_{YB}	39, 114, 60
Decimal	6124071
CIE _{Lab}	44.95, -19.84, 37.80
CIE _{LCh}	45, 42.687, 117.692
Yxy	14.5091, 0.3687, 0.4909
Android (android.graphics.Color)	4284314151 (0xFF5D7227)
YUV	99.1710, -29.6643, -5.4120
Hunter-Lab	38.0908, -15.5954, 20.2071

Details

The YIQ color $99.1710, 11.5590, -27.7770$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $53.8290, -11.5590, 27.7770$, and the grayscale version is $99.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $150.8290, 12.5220, -28.7100$, and $51.8980, 8.0740, -25.1900$ is the 20% darker color. If you saturate the color by 10%, you get $97.0200, 13.3020, -31.8340$, and if you desaturate by 10%, it is $101.3220, 9.8160, -23.7200$.

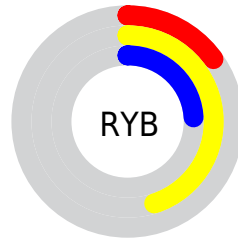
Distribution



Red (36%)

Green (45%)

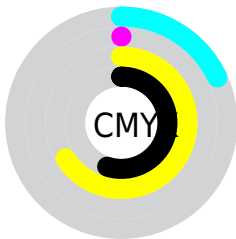
Blue (15%)



Red (15%)

Yellow (45%)

Blue (24%)

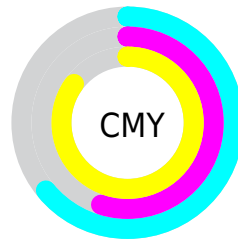


Cyan (18%)

Magenta (0%)

Yellow (66%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.1710, 11.5590, -27.7770 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 99.1710, 11.5590, -27.7770 by changing the saturation by 10% instead.

■ 99.1710, 11.5590,
-27.7770

■ 99.1710, 11.5590,
-27.7770

■ 255.0000, -0.0000,
-0.0000

■ 74.0570, 11.8800,
-28.0880

■ 150.8290, 12.5220,
-28.7100

■ 51.8980, 8.0740,
-25.1900

■ 177.6010, 13.1640,
-29.3320

■ 31.8080, -0.1800,
-18.7720

■ 205.3730, 13.8060,
-29.9540

■ 14.6750, -6.8750,
-13.0750

■ 234.1450, 14.4480,
-30.5760

■ 0.0000, 0.0000,
0.0000

■ 248.0460, 19.5810,
-18.9710

■ 251.2380, 10.5930,

-10.2630

254.5440, 1.2840,
-1.2440

■ 99.1710, 11.5590,
-27.7770

■ 99.1710, 11.5590,
-27.7770

■ 97.0200, 13.3020,
-31.8340

■ 101.3220, 9.8160,
-23.7200

■ 94.7550, 15.3660,
-36.2020

■ 103.5870, 7.7520,
-19.3520

■ 92.3050, 16.5130,
-40.4710

■ 106.0370, 6.6050,
-15.0830

■ 91.4360, 17.5220,
-42.2380

■ 108.3020, 4.5410,
-10.7150

■ 110.4530, 2.7980,
-6.6580

■ 112.6040, 1.0550,
-2.6010

■ 114.8690, -1.0090,
1.7670

■ 117.3190, -2.1560,
6.0360

■ 119.5840, -4.2200,
10.4040

Harmonies

Analogous

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



102.7400, 38.0580, -17.9260



99.1710, 11.5590, -27.7770



92.1200, -27.9620, -32.9060

Triad

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



99.1710, 11.5590, -27.7770



89.3640, -86.2860, -11.1340



106.6230, 44.7430, 31.6470

Complementary

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



99.1710, 11.5590, -27.7770



53.8290, -11.5590, 27.7770

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.



109.2040, 18.2420, 32.8500



99.1710, 11.5590, -27.7770



85.3350, -87.3420, -3.0060

Square

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



99.1710, 11.5590, -27.7770



87.9330, -78.1230, -21.4110



107.7030, -20.1320, 23.4520



105.1660, 55.7950, 18.5710

Rectangle

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



99.1710, 11.5590, -27.7770



82.4610, -62.7150, -36.3390



107.7030, -20.1320, 23.4520



107.6700, 37.3610, 33.2730

Sweetspot

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



99.1710, 11.5590, -27.7770



142.1880, 4.8620, -11.0260



73.1650, 39.2000, 5.4400



70.4530, 2.7980, -6.6580



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



99.1710, 11.5590, -27.7770



124.7950, 17.8890, -43.3830



88.4070, -9.8970, -35.4090



55.0170, 1.3300, -2.0780



96.1540, 18.2560, -44.5280



198.2110, 38.1630, -91.4450

Inverse Universe

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



53.8290, -11.5590, 27.7770



54.2050, -17.8890, 43.3830



64.8920, 10.4930, 35.6210



51.2820, -0.7340, 2.2900



23.8460, -18.2560, 44.5280



48.7890, -38.1630, 91.4450

Previews

White Background



This preview shows how the YIQ color 99.1710, 11.5590, -27.7770 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 99.1710, 11.5590, -27.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

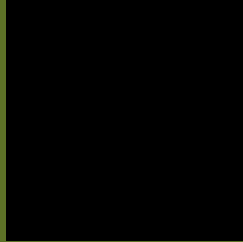
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.1710, 11.5590, -27.7770

Background



This preview shows how black text looks on a background with the YIQ color 99.1710, 11.5590, -27.7770.



This preview shows how white text looks on a background with the YIQ color 99.1710, 11.5590, -27.7770.

-27.7770.

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

99.1710, 11.5590, -27.7770

Protanopia

102.0210, 29.8970, -18.7030

Deuteranopia

103.6570, 37.0940, -11.4660



Tritanopia

106.4170, -5.5480, 1.4280

Trichromacy



Original Color

99.1710, 11.5590, -27.7770

Protanomaly

101.2050, 23.3870, -21.8690

Deuteranomaly

102.2920, 27.6960, -17.3600

Tritanomaly

104.0890, 0.8270, -9.4850

Monochromacy



Original Color

99.1710, 11.5590, -27.7770

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

98.8290, 4.4950, -9.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.1710, 11.5590, -27.7770 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(93, 114, 39)` looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 39)  
}
```

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(93, 114, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 39) }
```

Border

The CSS property to change the border of an element to YIQ 99.1710, 11.5590, -27.7770 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(93, 114, 39) }
```


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

```
.border{ border-color:rgb(93, 114, 39) }
```

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

Here you see how a box with a 4 pixel rgb(93, 114, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 39);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 99.1710, 11.5590, -27.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 39) }
```

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

```
.background{ background-color: rgb(93, 114,  
39) }
```

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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