

Converting Colors

YIQ(116.8510, 32.6510,
-35.5810)

Have a look what the booklet for
YIQ(116.8510, 32.6510, -35.5810)
contains.

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Color

**YIQ(116.8510, 32.6510,
-35.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8314
RGB	126, 131, 20
RGB Percent	49%, 51%, 8%
CMY	0.5060, 0.4863, 0.9213
CMYK	0.04, 0.00, 0.85, 0.49
HSL	63°, 73%, 30%
HSV	63°, 85%, 51%
XYZ	16.8444, 20.7178, 3.7755
YIQ	116.8510, 32.6510, -35.5810

Conversions

Conversions Part 2

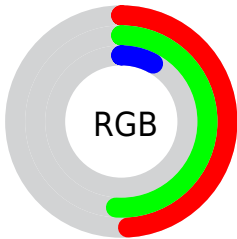
Format	Color
R_{YB}	20, 131, 25
Decimal	8291092
CIE _{Lab}	52.64, -15.01, 53.13
CIE _{LCh}	53, 55.205, 105.775
Yxy	20.7178, 0.4075, 0.5012
Android (android.graphics.Color)	4286481172 (0xFF7E8314)
YUV	116.8510, -47.7475, 8.0237
Hunter-Lab	45.5169, -13.5969, 26.9438

Details

The YIQ color **116.8510, 32.6510, -35.5810** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **34.1490, -32.6510, 35.5810**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0900, 33.4760, -34.0120**, and **69.9610, 20.9580, -27.4100** is the 20% darker color. If you saturate the color by 10%, you get **115.0700, 36.2280, -39.8360**, and if you desaturate by 10%, it is **118.6320, 29.0740, -31.3260**.

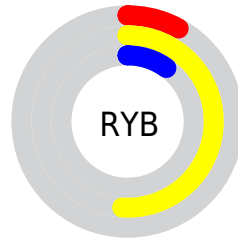
Distribution



Red (49%)

Green (51%)

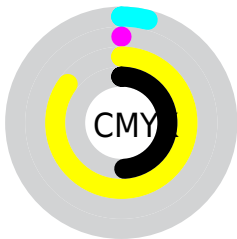
Blue (8%)



Red (8%)

Yellow (51%)

Blue (10%)

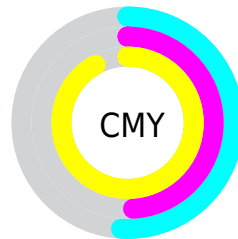


Cyan (4%)

Magenta (0%)

Yellow (85%)

Black (49%)



Cyan (51%)


Magenta (49%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.8510, 32.6510, -35.5810 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 116.8510, 32.6510, -35.5810 by changing the saturation by 10% instead.


 116.8510, 32.6510,
-35.5810


 116.8510, 32.6510,
-35.5810


255.0000, -0.0000,
-0.0000


 91.8230, 29.8540,
-34.4500


 171.0900, 33.4760,
-34.0120


 69.9610, 20.9580,
-27.4100


 198.2750, 34.3930,
-34.1110


 48.6860, 11.7870,
-20.8930


 227.3460, 35.6310,
-34.5210

 28.2970, 2.9370,
-14.6870

 243.7140, 31.7790,
-30.7890

 9.9790, -4.6750,
-8.8910

 246.9060, 22.7910,
-22.0810

 0.0000, 0.0000,
0.0000

 250.0980, 13.8030,

-13.3730

■ 253.4040, 4.4940,
-4.3540

■ 116.8510, 32.6510,
-35.5810

■ 116.8510, 32.6510,
-35.5810

■ 115.0700, 36.2280,
-39.8360

■ 118.6320, 29.0740,
-31.3260

■ 114.2720, 38.4750,
-42.0130

■ 120.1140, 24.9010,
-27.2830

■ 121.8950, 21.3240,
-23.0280

■ 123.3770, 17.1510,
-18.9850

■ 125.2720, 13.2530,
-14.4190

■ 127.0530, 9.6760,
-10.1640

■ 128.5350, 5.5030,
-6.1210

■ 130.3160, 1.9260,
-1.8660

■ 131.7980, -2.2470,
2.1770

Harmonies

Analogous

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



120.5870, 60.4780, -16.7540



116.8510, 32.6510, -35.5810



109.9670, -14.7100, -41.7980

Triad

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



116.8510, 32.6510, -35.5810



107.1170, -101.8280, -15.8120



125.6210, 48.2250, 45.6410

Complementary

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



116.8510, 32.6510, -35.5810



34.1490, -32.6510, 35.5810

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.



129.6020, 5.6780, 40.2860



116.8510, 32.6510, -35.5810



105.1570, -107.3320, -4.1640

Square

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



116.8510, 32.6510, -35.5810



103.9760, -88.8500, -30.7540



120.2720, -55.5270, 20.6410



122.3780, 70.4180, 34.4020

Rectangle

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



116.8510, 32.6510, -35.5810



94.8050, -67.1600, -49.4000



120.2720, -55.5270, 20.6410



127.8630, 35.8000, 45.0480

Sweetspot

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



116.8510, 32.6510, -35.5810



165.5000, 12.6110, -13.7970



55.5370, 65.0560, 21.4400



83.7370, 7.7500, -8.2980



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



116.8510, 32.6510, -35.5810



149.1140, 50.1230, -54.8770



100.7050, 0.4670, -47.0290



65.3160, 1.9260, -1.8660



113.3860, 38.1540, -41.7020



2.3590, 0.3670, -1.1450

Inverse Universe

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



34.1490, -32.6510, 35.5810



21.8860, -50.1230, 54.8770



50.2950, -0.4670, 47.0290



60.6840, -1.9260, 1.8660



16.6140, -38.1540, 41.7020



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 116.8510, 32.6510, -35.5810 looks on a white 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

Black Background



This preview shows how the YIQ color 116.8510, 32.6510, -35.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

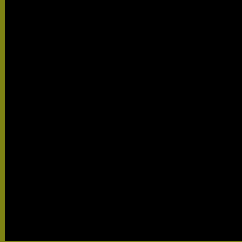
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.8510, 32.6510, -35.5810

Background



This preview shows how black text looks on a background with the YIQ color 116.8510, 32.6510, -35.5810.



This preview shows how white text looks on a background with the YIQ color 116.8510, 32.6510,

-35.5810.

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

116.8510, 32.6510, -35.5810

Protanopia

118.5860, 43.8830, -29.8850

Deuteranopia

120.2870, 52.4550, -20.0330



Tritanopia

126.9130, 4.8590, 5.5550

Trichromacy



Original Color

116.8510, 32.6510, -35.5810

Protanomaly

117.9660, 39.7570, -32.2030

Deuteranomaly

118.7050, 45.1660, -25.6020

Tritanomaly

123.2170, 15.0860, -9.0900

Monochromacy



Original Color

116.8510, 32.6510, -35.5810

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8420, 11.6480, -12.8640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.8510, 32.6510, -35.5810 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(126, 131, 20)` looks like.

```
.text, #text, p{  
    color:rgb(126, 131, 20)  
}
```

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(126, 131, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 131, 20) }
```

Border

The CSS property to change the border of an element to YIQ 116.8510, 32.6510, -35.5810 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(126, 131, 20) }
```


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

```
.border{ border-color:rgb(126, 131, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 131, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 131, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 131, 20);  
box-shadow:4px 4px 4px 4px rgb(126, 131,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 116.8510, 32.6510, -35.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 131, 20) }
```

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

```
.background{ background-color: rgb(126,  
131, 20) }
```

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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