

Converting Colors

YIQ(100.7700, -6.1850,
-25.5850)

Have a look what the booklet for
YIQ(100.7700, -6.1850, -25.5850)
contains.

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Color

**YIQ(100.7700, -6.1850,
-25.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7740
RGB	79, 119, 64
RGB Percent	31%, 47%, 25%
CMY	0.6903, 0.5333, 0.7490
CMYK	0.34, 0.00, 0.46, 0.53
HSL	104°, 30%, 36%
HSV	104°, 46%, 47%
XYZ	10.7461, 15.2287, 7.2242
YIQ	100.7700, -6.1850, -25.5850

Conversions

Conversions Part 2

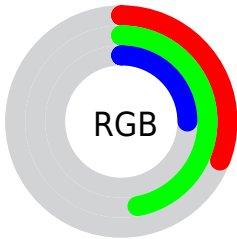
Format	Color
RYB	64, 119, 104
Decimal	5207872
CIELab	45.95, -25.24, 25.84
CIELCh	46, 36.116, 134.326
Yxy	15.2287, 0.3237, 0.4587
Android (android.graphics.Color)	4283397952 (0xFF4F7740)
YUV	100.7700, -18.1276, -19.0923
Hunter-Lab	39.0240, -19.1382, 16.3408

Details

The YIQ color $100.7700, -6.1850, -25.5850$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $82.2300, 6.1850, 25.5850$, and the grayscale version is $101.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $152.7160, -6.0930, -27.2530$, and $52.2260, -7.4690, -24.3410$ is the 20% darker color. If you saturate the color by 10%, you get $96.7110, -7.6970, -31.2250$, and if you desaturate by 10%, it is $104.8290, -4.6730, -19.9450$.

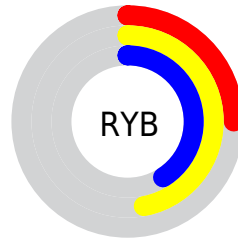
Distribution



Red (31%)

Green (47%)

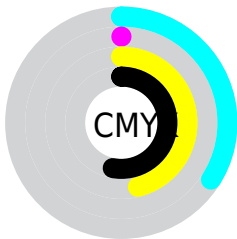
Blue (25%)



Red (25%)

Yellow (47%)

Blue (41%)

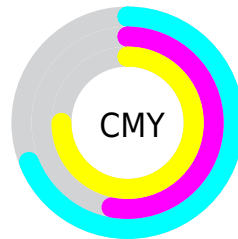


Cyan (34%)

Magenta (0%)

Yellow (46%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7700, -6.1850, -25.5850 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 100.7700, -6.1850, -25.5850 by changing the saturation by 10% instead.

100.7700, -6.1850,
-25.5850

100.7700, -6.1850,
-25.5850

255.0000, -0.0000,
-0.0000

76.2970, -6.2310,
-24.7510

152.7160, -6.0930,
-27.2530

52.2260, -7.4690,
-24.3410

179.4880, -5.4510,
-27.8750

29.9810, -8.1570,
-22.8850

207.0750, -5.7260,
-28.3980

17.0230, -7.9750,
-15.1670

234.9610, -5.4050,
-28.7090

0.0000, 0.0000,
0.0000

246.8240, 2.8910,
-13.8530

254.3160, 1.9260,

-1.8660

■ 100.7700, -6.1850,
-25.5850

■ 100.7700, -6.1850,
-25.5850

■ 96.7110, -7.6970,
-31.2250

■ 104.8290, -4.6730,
-19.9450

■ 92.9510, -8.6130,
-36.6530

■ 108.5890, -3.7570,
-14.5170

■ 88.8920, -10.1250,
-42.2930

■ 112.6480, -2.2450,
-8.8770

■ 84.8330, -11.6370,
-47.9330

■ 116.7070, -0.7330,
-3.2370

■ 81.0730, -12.5530,
-53.3610

■ 120.4670, 0.1830,
2.1910

■ 79.4210, -13.6530,
-55.4530

■ 124.4120, 2.0160,
7.5200

■ 128.4710, 3.5280,
13.1600

■ 132.2310, 4.4440,
18.5880

■ 136.2900, 5.9560,
24.2280

Harmonies

Analogous

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



105.0030, 21.1400, -19.6920



100.7700, -6.1850, -25.5850



91.2460, -45.7520, -29.8800

Triad

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



100.7700, -6.1850, -25.5850



87.7170, -85.7820, -9.2540



109.7720, 45.3410, 20.8050

Complementary

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



100.7700, -6.1850, -25.5850



82.2300, 6.1850, 25.5850

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.



111.7890, 29.4760, 27.4920



100.7700, -6.1850, -25.5850



107.2620, -32.3720, 13.9960

Square

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



100.7700, -6.1850, -25.5850



88.7140, -81.7000, -17.1560



111.9630, 2.5630, 25.1470



108.7100, 47.9110, 7.2630

Rectangle

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



100.7700, -6.1850, -25.5850



85.5560, -70.0520, -30.0200



111.9630, 2.5630, 25.1470



110.1400, 41.4890, 24.5370

Sweetspot

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



100.7700, -6.1850, -25.5850



148.7080, -2.4740, -10.2340



103.3380, 22.0550, -8.7370



74.5280, -1.7870, -6.1630



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



100.7700, -6.1850, -25.5850



127.3590, -9.9420, -40.1020



97.6530, -18.9770, -25.0330



56.8210, -1.0540, -2.9260



81.4810, -13.8820, -56.8100



167.0820, -28.2220, -116.3340

Inverse Universe

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



82.2300, 6.1850, 25.5850



98.3420, 9.3460, 39.8900



85.3470, 18.9770, 25.0330



54.8800, 0.4580, 2.7140



40.5190, 13.8820, 56.8100



82.9180, 28.2220, 116.3340

Previews

White Background



This preview shows how the YIQ color 100.7700, -6.1850, -25.5850 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 100.7700, -6.1850, -25.5850 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 100.7700, -6.1850, -25.5850

Background



This preview shows how black text looks on a background with the YIQ color 100.7700, -6.1850, -25.5850.



This preview shows how white text looks on a background with the YIQ color 100.7700, -6.1850,

-25.5850.

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

100.7700, -6.1850, -25.5850

Protanopia

105.8170, 21.9640, -12.5960

Deuteranopia

107.9690, 27.6480, -5.4720



Tritanopia

106.1490, -16.5970, -2.0770

Trichromacy



Original Color

100.7700, -6.1850, -25.5850

Protanomaly

103.7940, 11.6030, -17.5570

Deuteranomaly

105.1090, 15.2700, -12.4260

Tritanomaly

104.3200, -13.0650, -11.0250

Monochromacy



Original Color

100.7700, -6.1850, -25.5850

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7700, -6.1850, -25.5850 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(79, 119, 64)` looks like.

```
.text, #text, p{  
    color:rgb(79, 119, 64)  
}
```

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(79, 119, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 119, 64) }
```

Border

The CSS property to change the border of an element to YIQ 100.7700, -6.1850, -25.5850 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(79, 119, 64) }
```


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

```
.border{ border-color:rgb(79, 119, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 119, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 119, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 119, 64);  
box-shadow:4px 4px 4px 4px rgb(79, 119,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7700, -6.1850, -25.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 119, 64) }
```

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

```
.background{ background-color: rgb(79, 119,  
64) }
```

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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