

Converting Colors

YIQ(152.5750, 61.8930, 18.1890)

Have a look what the booklet for
YIQ(152.5750, 61.8930, 18.1890)
contains.

YIQ(152.5750, 61.8930, 18.1890)	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(152.5750, 61.8930,
18.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7C73
RGB	223, 124, 115
RGB Percent	87%, 49%, 45%
CMY	0.1253, 0.5139, 0.5488
CMYK	0.00, 0.44, 0.48, 0.13
HSL	5°, 63%, 66%
HSV	5°, 48%, 87%
XYZ	40.7502, 31.3414, 20.1408
YIQ	152.5750, 61.8930, 18.1890

Conversions

Conversions Part 2

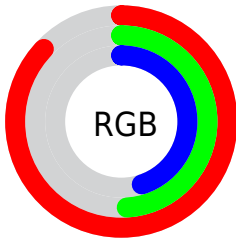
Format	Color
R _Y B	223, 125, 115
Decimal	14646387
CIE Lab	62.79, 37.39, 21.90
CIE LCh	63, 43.330, 30.356
Yxy	31.3414, 0.4418, 0.3398
Android (android.graphics.Color)	4292836467 (0xFFDF7C73)
YUV	152.5750, -18.5245, 61.7627
Hunter-Lab	55.9834, 31.9585, 17.8580

Details

The YIQ color **152.5750, 61.8930, 18.1890** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **185.4250, -61.8930, -18.1890**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.7690, 49.4230, 12.9030**, and **99.5250, 56.1620, 17.4260** is the 20% darker color. If you saturate the color by 10%, you get **137.7400, 74.7300, 22.3300**, and if you desaturate by 10%, it is **166.8230, 49.3310, 14.5710**.

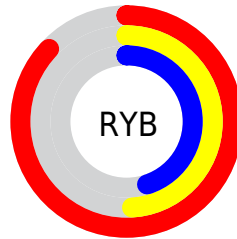
Distribution



Red (87%)

Green (49%)

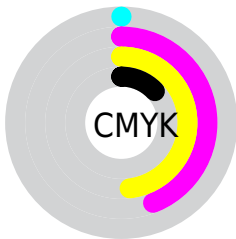
Blue (45%)



Red (87%)

Yellow (49%)

Blue (45%)

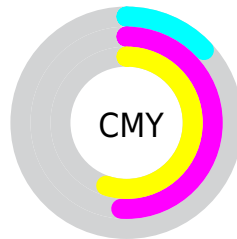


Cyan (0%)

Magenta (44%)

Yellow (48%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.5750, 61.8930, 18.1890 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 152.5750, 61.8930, 18.1890 by changing the saturation by 10% instead.

152.5750, 61.8930,
18.1890

152.5750, 61.8930,
18.1890

255.0000, -0.0000,
-0.0000

125.4930, 59.1880,
17.6520

199.7690, 49.4230,
12.9030

99.5250, 56.1620,
17.4260

219.2830, 33.0560,
6.6560

73.6710, 52.8150,
17.5110

239.4980, 16.0930,
0.1970

47.0560, 50.2930,
19.1650

254.5440, 1.2840,
-1.2440

23.9200, 47.6800,
16.9600

15.8470, 31.5880,
11.2360

4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 152.5750, 61.8930,
18.1890

■ 152.5750, 61.8930,
18.1890

■ 137.7400, 74.7300,
22.3300

■ 166.8230, 49.3310,
14.5710

■ 123.3780, 87.6130,
25.6370

■ 181.7720, 36.1730,
10.7410

■ 109.1300,
100.1750, 29.2550

■ 196.0200, 23.6110,
7.1230

■ 94.2950, 113.0120,
33.3960

■ 210.8550, 10.7740,
2.9820

■ 80.0470, 125.5740,
37.0140

■ 225.2170, -2.1090,
-0.3250

■ 77.2430, 127.9580,
37.8620

■ 240.0520,
-14.9460, -4.4660

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



154.2600, 50.1990, 31.8870



152.5750, 61.8930, 18.1890



150.9310, 57.1740, -0.9220

Triad

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



152.5750, 61.8930, 18.1890



137.3970, -30.3000, -34.5880



143.6910, -64.5570, 8.0750

Complementary

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



152.5750, 61.8930, 18.1890



185.4250, -61.8930, -18.1890

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.



122.2940, -115.6280, -19.0200



152.5750, 61.8930, 18.1890



118.1780, -95.7710, -42.9950

Square

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



152.5750, 61.8930, 18.1890



144.3340, 9.5420, -29.7700



122.0370, -108.0150, -30.3430



154.5510, -16.6480, 26.3920

Rectangle

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



152.5750, 61.8930, 18.1890



149.2790, 46.9060, -13.0780



122.0370, -108.0150, -30.3430



135.9440, -84.6830, -1.6350

Sweetspot

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



152.5750, 61.8930, 18.1890



230.1230, 21.8230, 6.4870



158.8060, 31.9470, 54.3070



112.4640, 13.4330, 4.3530



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.



152.5750, 61.8930, 18.1890



158.2960, 84.9080, 25.1000



183.0990, 47.5930, -9.0070



104.8760, 6.2810, 1.8090



60.8420, 101.0460, 29.9900



16.7000, 27.5080, 8.0840

Inverse Universe

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



185.4250, -61.8930, -18.1890



203.7040, -84.9080, -25.1000



154.9010, -47.5930, 9.0070



108.1240, -6.2810, -1.8090



114.5710, -100.7710, -29.4670



31.3000, -27.5080, -8.0840

Previews

White Background



This preview shows how the YIQ color 152.5750, 61.8930, 18.1890 looks on a white background.

Color Contrast Check

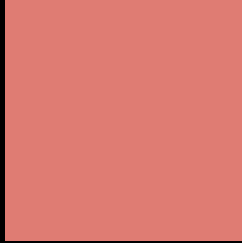
Large Text (above 18pt) WCAG AA × Fail

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 152.5750, 61.8930, 18.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

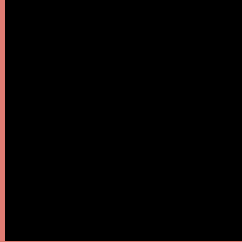
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.5750, 61.8930, 18.1890

Background



This preview shows how black text looks on a background with the YIQ color 152.5750, 61.8930, 18.1890.



This preview shows how white text looks on a background with the YIQ color 152.5750, 61.8930,

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

152.5750, 61.8930, 18.1890

Protanopia

151.9550, 13.0680, -5.5560

Deuteranopia

152.1760, 31.4990, -3.6770



Tritanopia

153.4100, 58.2240, 24.1120

Trichromacy



Original Color

152.5750, 61.8930, 18.1890

Protanomaly

152.3920, 31.1310, 2.9950

Deuteranomaly

152.3780, 42.9140, 4.2100

Tritanomaly

153.4270, 59.5540, 22.0340

Monochromacy



Original Color

152.5750, 61.8930, 18.1890

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.4220, 22.4190, 6.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.5750, 61.8930, 18.1890 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(223, 124, 115)` looks like.

```
.text, #text, p{  
    color:rgb(223, 124, 115)  
}
```

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(223, 124, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 124, 115) }
```

Border

The CSS property to change the border of an element to YIQ 152.5750, 61.8930, 18.1890 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(223, 124, 115) }
```


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

```
.border{ border-color:rgb(223, 124, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 124, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 124, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 124, 115);  
box-shadow:4px 4px 4px 4px rgb(223, 124,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 152.5750, 61.8930, 18.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 124, 115) }
```

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

```
.background{ background-color: rgb(223,  
124, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor