

Converting Colors

YIQ(148.4550, 62.3510, 20.9030)

Have a look what the booklet for
YIQ(148.4550, 62.3510, 20.9030)
contains.

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Color

**YIQ(148.4550, 62.3510,
20.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7673
RGB	221, 118, 115
RGB Percent	87%, 46%, 45%
CMY	0.1331, 0.5374, 0.5488
CMYK	0.00, 0.47, 0.48, 0.13
HSL	2°, 61%, 66%
HSV	2°, 48%, 87%
XYZ	39.4092, 29.5678, 19.8689
YIQ	148.4550, 62.3510, 20.9030

Conversions

Conversions Part 2

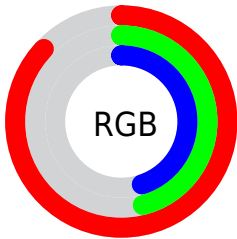
Format	Color
R _Y B	221, 118, 115
Decimal	14513779
CIE Lab	61.28, 39.74, 19.80
CIE LCh	61, 44.399, 26.485
Yxy	29.5678, 0.4436, 0.3328
Android (android.graphics.Color)	4292703859 (0xFFDD7673)
YUV	148.4550, -16.4933, 63.6220
Hunter-Lab	54.3763, 34.2092, 16.3990

Details

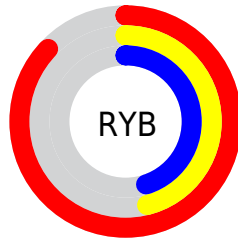
The YIQ color **148.4550, 62.3510, 20.9030** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **187.5450, -62.3510, -20.9030**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **196.2470, 51.0730, 16.0410**, and **94.8180, 56.8950, 20.6630** is the 20% darker color. If you saturate the color by 10%, you get **133.0330, 75.4630, 25.5670**, and if you desaturate by 10%, it is **163.2900, 49.5140, 16.7620**.

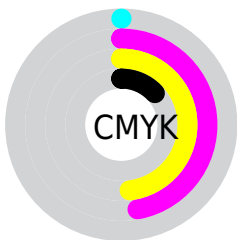
Distribution



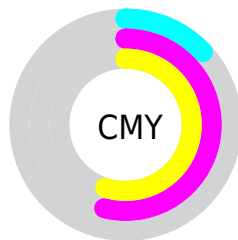
- Red (87%)
- Green (46%)
- Blue (45%)



- Red (87%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (48%)
- Black (13%)





- Cyan (13%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.4550, 62.3510, 20.9030 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 148.4550, 62.3510, 20.9030 by changing the saturation by 10% instead.


 148.4550, 62.3510,
20.9030


 148.4550, 62.3510,
20.9030


255.0000, -0.0000,
-0.0000


 121.4870, 59.3250,
20.6770


 196.2470, 51.0730,
16.0410

 94.8180, 56.8950,
20.6630


 215.7610, 34.7060,
9.7940


 68.9640, 53.5480,
20.7480

 235.3890, 18.0180,
3.8580

 40.5880, 51.8510,
23.9710

254.5440, 1.2840,
-1.2440

 23.3220, 46.4880,
16.5360

 15.6620, 30.6710,
11.3350

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 148.4550, 62.3510,
20.9030

■ 148.4550, 62.3510,
20.9030

■ 133.0330, 75.4630,
25.5670

■ 163.2900, 49.5140,
16.7620

■ 118.1980, 88.3000,
29.7080

■ 178.7120, 36.4020,
12.0980

■ 102.7760,
101.4120, 34.3720

■ 193.5470, 23.5650,
7.9570

■ 87.9410, 114.2490,
38.5130

■ 208.9690, 10.4530,
3.2930

■ 72.5190, 127.3610,
43.1770

■ 223.9180, -2.7050,
-0.5370

■ 69.6010, 130.0660,
43.7140

■ 239.3400,
-15.8170, -5.2010

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



150.2430, 48.8690, 33.9650



148.4550, 62.3510, 20.9030



147.0670, 59.7870, 1.2830

Triad

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



148.4550, 62.3510, 20.9030



134.3220, -25.7150, -35.0830



135.3090, -75.2850, 4.2590

Complementary

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



148.4550, 62.3510, 20.9030



187.5450, -62.3510, -20.9030

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.



119.9630, -113.1980, -19.0060



148.4550, 62.3510, 20.9030



114.8040, -91.7820, -43.7020

Square

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



148.4550, 62.3510, 20.9030



140.7860, 14.0810, -29.4310



118.7770, -104.3470, -30.7390



149.5010, -22.3790, 25.6290

Rectangle

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



148.4550, 62.3510, 20.9030



146.0730, 50.4820, -11.8060



118.7770, -104.3470, -30.7390



118.8910, -112.6950, -11.5990

Sweetspot

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



148.4550, 62.3510, 20.9030



230.3510, 21.1810, 7.1090



158.5500, 29.7920, 54.8160



112.5780, 13.1120, 4.6640



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.



148.4550, 62.3510, 20.9030



153.6000, 87.1080, 29.2840



178.9790, 48.0510, -6.2930



102.2890, 6.5560, 2.3320



54.6620, 101.7330, 34.0610



14.3410, 27.1410, 9.2290

Inverse Universe

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



187.5450, -62.3510, -20.9030



208.4000, -87.1080, -29.2840



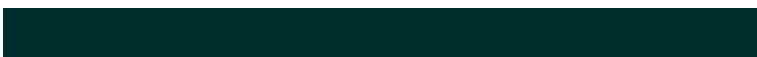
157.0210, -48.0510, 6.2930



106.1240, -6.2810, -1.8090



118.9250, -102.0080, -34.5840



31.6590, -27.1410, -9.2290

Previews

White Background



This preview shows how the YIQ color 148.4550, 62.3510, 20.9030 looks on a white background.

Color Contrast Check

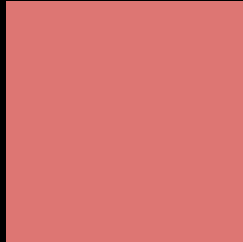
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4550, 62.3510, 20.9030 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 148.4550, 62.3510, 20.9030

Background



This preview shows how black text looks on a background with the YIQ color 148.4550, 62.3510, 20.9030.



This preview shows how white text looks on a background with the YIQ color 148.4550, 62.3510,

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

148.4550, 62.3510, 20.9030

Protanopia

147.9270, 10.2710, -4.4250

Deuteranopia

148.3330, 29.6190, -2.6450



Tritanopia

148.7200, 60.2870, 25.2710

Trichromacy



Original Color

148.4550, 62.3510, 20.9030

Protanomaly

148.0760, 29.2050, 4.8610

Deuteranomaly

148.2470, 41.9050, 5.9770

Tritanomaly

148.8510, 61.2960, 23.5040

Monochromacy



Original Color

148.4550, 62.3510, 20.9030

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2480, 22.9690, 7.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.4550, 62.3510, 20.9030 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, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(221, 118, 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(221, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 118, 115) }
```

Border

The CSS property to change the border of an element to YIQ 148.4550, 62.3510, 20.9030 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, 118, 115) }
```


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

```
.border{ border-color:rgb(221, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(221, 118,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 148.4550, 62.3510, 20.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 118, 115) }
```

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

```
.background{ background-color: rgb(221,  
118, 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](#).

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