

Converting Colors

YIQ(146.0580, 55.9790, 15.2350)

Have a look what the booklet for
YIQ(146.0580, 55.9790, 15.2350)
contains.

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Color

**YIQ(146.0580, 55.9790,
15.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	D1796E
RGB	209, 121, 110
RGB Percent	82%, 47%, 43%
CMY	0.1802, 0.5256, 0.5684
CMYK	0.00, 0.42, 0.47, 0.18
HSL	7°, 52%, 63%
HSV	7°, 47%, 82%
XYZ	35.9597, 28.3557, 18.3466
YIQ	146.0580, 55.9790, 15.2350

Conversions

Conversions Part 2

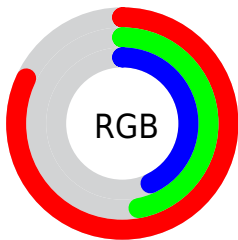
Format	Color
R_{YB}	209, 122, 110
Decimal	13728110
CIE _{Lab}	60.21, 33.14, 20.93
CIE _{LCh}	60, 39.197, 32.271
Yxy	28.3557, 0.4350, 0.3430
Android (android.graphics.Color)	4291918190 (0xFFD1796E)
YUV	146.0580, -17.7766, 55.2001
Hunter-Lab	53.2500, 27.3532, 16.8475

Details

The YIQ color **146.0580, 55.9790, 15.2350** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.9420, -55.9790, -15.2350**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.8510, 52.1280, 13.4400**, and **93.3070, 50.8440, 14.6840** is the 20% darker color. If you saturate the color by 10%, you get **132.5110, 67.9450, 18.6410**, and if you desaturate by 10%, it is **159.6050, 44.0130, 11.8290**.

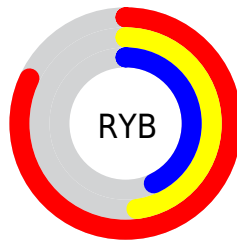
Distribution



Red (82%)

Green (47%)

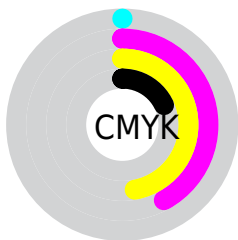
Blue (43%)



Red (82%)

Yellow (48%)

Blue (43%)

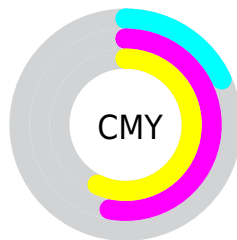


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.0580, 55.9790, 15.2350 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 146.0580, 55.9790, 15.2350 by changing the saturation by 10% instead.


 146.0580, 55.9790,
15.2350


 146.0580, 55.9790,
15.2350


255.0000, -0.0000,
-0.0000


 119.3890, 53.5490,
15.2210


 196.8510, 52.1280,
13.4400


 93.3070, 50.8440,
14.6840


 216.3650, 35.7610,
7.1930


 68.3390, 47.8180,
14.4580

 236.5800, 18.7980,
0.7340

 43.0120, 44.4250,
15.3770

 253.8600, 3.2100,
-3.1100

 20.6310, 41.1240,
14.6280

 13.5690, 26.4990,
9.8510

 0.0000, 0.0000,

0.0000

■ 146.0580, 55.9790,
15.2350

■ 146.0580, 55.9790,
15.2350

■ 132.5110, 67.9450,
18.6410

■ 159.6050, 44.0130,
11.8290

■ 119.5510, 79.6360,
21.5240

■ 172.5650, 32.3220,
8.9460

■ 106.0040, 91.6020,
24.9300

■ 186.1120, 20.3560,
5.5400

■ 93.0440, 103.2930,
27.8130

■ 199.0720, 8.6650,
2.6570

■ 79.6110, 114.9380,
31.5300

■ 212.6190, -3.3010,
-0.7490

■ 75.9920, 118.2390,
32.2790

■ 226.0520,
-14.9460, -4.4660

■ 238.8980,
-26.3160, -7.6600

■ 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

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



147.5860, 46.1650, 27.9010



146.0580, 55.9790, 15.2350



144.5820, 50.8470, -1.8970

Triad

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



146.0580, 55.9790, 15.2350



132.1030, -29.2920, -30.8280



139.6770, -52.7740, 9.2900

Complementary

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



146.0580, 55.9790, 15.2350



172.9420, -55.9790, -15.2350

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.



115.6430, -109.3010, -18.0450



146.0580, 55.9790, 15.2350



113.9340, -89.0320, -38.4720

Square

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



146.0580, 55.9790, 15.2350



138.3600, 6.6530, -26.9710



115.7280, -102.6510, -28.4350



147.9490, -12.0170, 25.0630

Rectangle

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



146.0580, 55.9790, 15.2350



143.1690, 41.4040, -12.4840



115.7280, -102.6510, -28.4350



133.8490, -68.1780, 2.1100

Sweetspot

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



146.0580, 55.9790, 15.2350



232.1120, 20.3560, 5.5400



149.7470, 30.4350, 48.6670



113.7520, 12.5620, 3.6180



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.



146.0580, 55.9790, 15.2350



162.7470, 82.0200, 22.3720



174.2340, 42.7790, -9.8690



97.8760, 6.2810, 1.8090



61.3850, 94.9030, 25.6790



14.6070, 23.3360, 6.6000

Inverse Universe

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



172.9420, -55.9790, -15.2350



202.2530, -82.0200, -22.3720



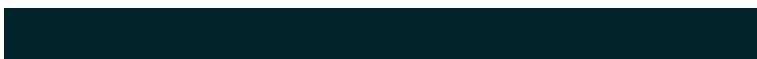
144.7660, -42.7790, 9.8690



100.5370, -6.0060, -1.2860



107.2020, -95.1780, -26.2020



25.8060, -23.0610, -6.0770

Previews

White Background



This preview shows how the YIQ color 146.0580, 55.9790, 15.2350 looks on a white background.

Color Contrast Check

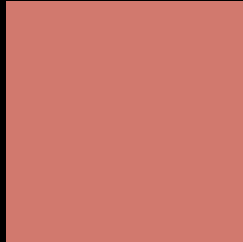
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0580, 55.9790, 15.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

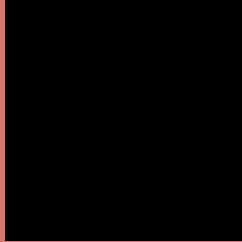
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.0580, 55.9790, 15.2350

Background



This preview shows how black text looks on a background with the YIQ color 146.0580, 55.9790, 15.2350.



This preview shows how white text looks on a background with the YIQ color 146.0580, 55.9790,

15.2350.

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

146.0580, 55.9790, 15.2350

Protanopia

144.9550, 13.0680, -5.5560

Deuteranopia

145.8060, 29.6650, -3.4790



Tritanopia

146.5340, 51.9430, 22.3030

Trichromacy



Original Color

146.0580, 55.9790, 15.2350

Protanomaly

145.1960, 28.7470, 2.1470

Deuteranomaly

145.6980, 39.0170, 3.2490

Tritanomaly

146.4370, 53.5940, 19.9140

Monochromacy



Original Color

146.0580, 55.9790, 15.2350

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.1120, 20.3560, 5.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.0580, 55.9790, 15.2350 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(209, 121, 110)` looks like.

```
.text, #text, p{  
    color:rgb(209, 121, 110)  
}
```

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(209, 121, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 121, 110) }
```

Border

The CSS property to change the border of an element to YIQ 146.0580, 55.9790, 15.2350 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(209, 121, 110) }
```


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

```
.border{ border-color:rgb(209, 121, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 121, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 121, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 121, 110);  
box-shadow:4px 4px 4px 4px rgb(209, 121,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 146.0580, 55.9790, 15.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 121, 110) }
```

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

```
.background{ background-color: rgb(209,  
121, 110) }
```

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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