

Converting Colors

YIQ(146.2170, 51.7580, 31.1660)

Have a look what the booklet for
YIQ(146.2170, 51.7580, 31.1660)
contains.

YIQ(146.2170, 51.7580, 31.1660)	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(146.2170, 51.7580,
31.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	D7708E
RGB	215, 112, 142
RGB Percent	84%, 44%, 56%
CMY	0.1566, 0.5609, 0.4430
CMYK	0.00, 0.48, 0.34, 0.16
HSL	342°, 56%, 64%
HSV	342°, 48%, 84%
XYZ	38.7195, 27.9905, 28.9714
YIQ	146.2170, 51.7580, 31.1660

Conversions

Conversions Part 2

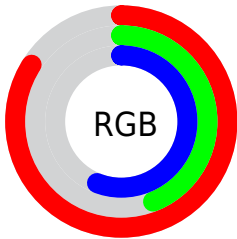
Format	Color
R _Y B	215, 112, 142
Decimal	14119054
CIE Lab	59.88, 43.58, 2.19
CIE LCh	60, 43.638, 2.877
Yxy	27.9905, 0.4047, 0.2925
Android (android.graphics.Color)	4292309134 (0xFFD7708E)
YUV	146.2170, -2.0790, 60.3227
Hunter-Lab	52.9060, 38.0504, 4.5669

Details

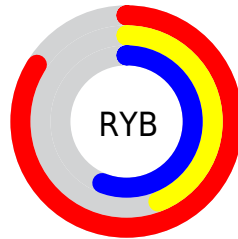
The YIQ color **146.2170, 51.7580, 31.1660** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **180.7830, -51.7580, -31.1660**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.0310, 43.4140, 28.1980**, and **92.6510, 47.5400, 30.5160** is the 20% darker color. If you saturate the color by 10%, you get **131.5930, 62.6230, 38.0070**, and if you desaturate by 10%, it is **160.2540, 41.1680, 24.8480**.

Distribution



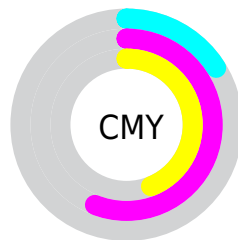
- Red (84%)
- Green (44%)
- Blue (56%)



- Red (84%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.2170, 51.7580, 31.1660 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 146.2170, 51.7580, 31.1660 by changing the saturation by 10% instead.


 146.2170, 51.7580,
31.1660


 146.2170, 51.7580,
31.1660


255.0000, -0.0000,
-0.0000


 119.4340, 49.6490,
30.8410


 196.0310, 43.4140,
28.1980

 92.6510, 47.5400,
30.5160


 215.6590, 26.7260,
22.2620


 65.8080, 45.6600,
31.5480

 235.2870, 10.0380,
16.3260

 35.7420, 46.0260,
35.9300

 253.2390, 0.8250,
1.5690

 25.3890, 36.3540,
23.9860

 15.7760, 30.3500,
11.6460

 0.0000, 0.0000,

0.0000

■ 146.2170, 51.7580,
31.1660

■ 146.2170, 51.7580,
31.1660

■ 131.5930, 62.6230,
38.0070

■ 160.2540, 41.1680,
24.8480

■ 117.5560, 73.2130,
44.3250

■ 174.9920, 29.9820,
18.3180

■ 102.8180, 84.3990,
50.8550

■ 189.0290, 19.3920,
12.0000

■ 88.7810, 94.9890,
57.1730

■ 203.6530, 8.5270,
5.1590

■ 74.1570, 105.8540,
64.0140

■ 217.6900, -2.0630,
-1.1590

■ 71.4670, 107.9170,
65.1730

■ 232.3140,
-12.9280, -8.0000

■ 242.3560,
-21.9140, -10.3460

■ 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



148.6780, 25.7150, 35.0830



146.2170, 51.7580, 31.1660



144.6350, 61.6640, 16.8320

Triad

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



146.2170, 51.7580, 31.1660



136.2520, 6.8370, -30.3070



116.3270, -111.2270, -16.1790

Complementary

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



146.2170, 51.7580, 31.1660



180.7830, -51.7580, -31.1660

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.



116.7710, -104.2100, -27.7140



146.2170, 51.7580, 31.1660



128.6460, -35.4350, -35.1390

Square

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



146.2170, 51.7580, 31.1660



140.3870, 37.5540, -19.8060



113.0260, -92.2870, -40.0550



136.5990, -61.3020, 9.6580

Rectangle

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



146.2170, 51.7580, 31.1660



143.6480, 59.6490, 3.7850



113.0260, -92.2870, -40.0550



117.2900, -109.8050, -19.9250

Sweetspot

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



146.2170, 51.7580, 31.1660



231.0180, 17.9250, 11.0530



145.2700, 9.8490, 47.2970



113.2620, 11.1860, 6.5300



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.



146.2170, 51.7580, 31.1660



156.1540, 74.4050, 44.7490



155.1240, 55.6130, 10.8530



99.7450, 5.2720, 3.5760



56.8290, 85.8660, 51.8020



14.3390, 21.4550, 13.1590

Inverse Universe

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



146.2170, 51.7580, 31.1660



156.1540, 74.4050, 44.7490



171.8760, -55.6130, -10.8530



99.7450, 5.2720, 3.5760



56.8290, 85.8660, 51.8020



14.3390, 21.4550, 13.1590

Previews

White Background



This preview shows how the YIQ color 146.2170, 51.7580, 31.1660 looks on a white background.

Color Contrast Check

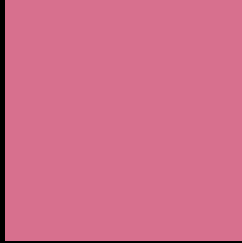
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2170, 51.7580, 31.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

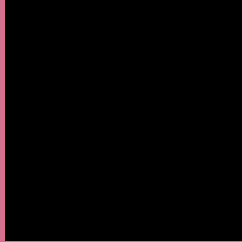
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.2170, 51.7580, 31.1660

Background



This preview shows how black text looks on a background with the YIQ color 146.2170, 51.7580, 31.1660.



This preview shows how white text looks on a background with the YIQ color 146.2170, 51.7580,

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

146.2170, 51.7580, 31.1660

Protanopia

145.6390, -6.0530, 5.0750

Deuteranopia

145.9370, 13.4790, 3.5190



Tritanopia

145.3280, 55.5190, 23.5750

Trichromacy



Original Color

146.2170, 51.7580, 31.1660

Protanomaly

145.5710, 14.9900, 14.6860

Deuteranomaly

146.2750, 27.5070, 13.6110

Tritanomaly

145.8380, 54.1430, 26.4870

Monochromacy



Original Color

146.2170, 51.7580, 31.1660

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.3170, 18.5210, 11.2650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.2170, 51.7580, 31.1660 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(215, 112, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 112, 142)  
}
```

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(215, 112, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 112, 142) }
```

Border

The CSS property to change the border of an element to YIQ 146.2170, 51.7580, 31.1660 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(215, 112, 142) }
```


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

```
.border{ border-color:rgb(215, 112, 142) }
```

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

Here you see how a box with a 4 pixel rgb(215, 112, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 112, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 112, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 112,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 146.2170, 51.7580, 31.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 112, 142) }
```

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

```
.background{ background-color: rgb(215,  
112, 142) }
```

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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