

Converting Colors

YIQ(205.1410, 4.2170, 6.1770)

Have a look what the booklet for
YIQ(205.1410, 4.2170, 6.1770)
contains.

YIQ(205.1410, 4.2170, 6.1770)	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(205.1410, 4.2170,
6.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C8D3
RGB	213, 200, 211
RGB Percent	84%, 78%, 83%
CMY	0.1647, 0.2157, 0.1725
CMYK	0.00, 0.06, 0.01, 0.16
HSL	309°, 13%, 81%
HSV	309°, 6%, 84%
XYZ	59.8545, 60.1569, 70.0862
YIQ	205.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

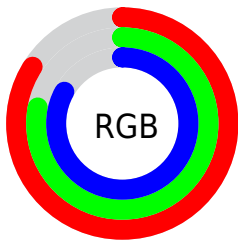
Format	Color
R _Y B	213, 200, 211
Decimal	14010579
CIE Lab	81.92, 6.49, -3.85
CIE LCh	82, 7.545, 329.304
Yxy	60.1569, 0.3149, 0.3165
Android (android.graphics.Color)	4292200659 (0xFFD5C8D3)
YUV	205.1410, 2.8885, 6.8923
Hunter-Lab	77.5609, 2.0188, 0.7165

Details

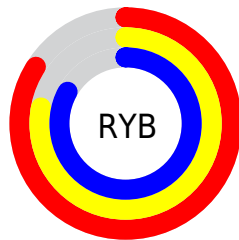
The YIQ color $205.1410, 4.2170, 6.1770$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $207.8590, -4.2170, -6.1770$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $150.8420, 3.6210, 5.9650$ is the 20% darker color. If you saturate the color by 10%, you get $192.4720, 10.9550, 16.2270$, and if you desaturate by 10%, it is $217.8100, -2.5210, -3.8730$.

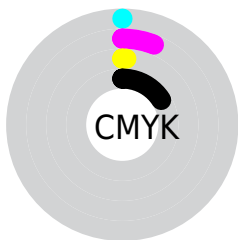
Distribution



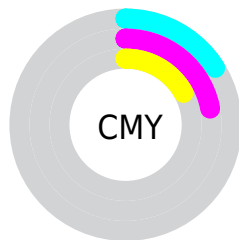
- Red (84%)
- Green (78%)
- Blue (83%)



- Red (84%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.1410, 4.2170, 6.1770 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 205.1410, 4.2170, 6.1770 by changing the saturation by 10% instead.

■ 205.1410, 4.2170,
6.1770

■ 205.1410, 4.2170,
6.1770

255.0000, -0.0000,
-0.0000

■ 177.7280, 3.9420,
5.6540

■ 150.8420, 3.6210,
5.9650

■ 124.7280, 3.9420,
5.6540

■ 100.3150, 3.6670,
5.1310

■ 76.3150, 3.6670,
5.1310

■ 53.3150, 3.6670,
5.1310

■ 32.0160, 3.0710,

4.9190

■ 8.3800, 5.0420,
7.7460

■ 0.0000, 0.0000,
0.0000

■ 205.1410, 4.2170,
6.1770

■ 205.1410, 4.2170,
6.1770

■ 192.4720, 10.9550,
16.2270

■ 217.8100, -2.5210,
-3.8730

■ 179.1020, 18.2890,
26.4890

■ 231.1800, -9.8550,
-14.1350

■ 166.4330, 25.0270,
36.5390

■ 238.5660,
-14.1180, -19.4780

■ 153.7640, 31.7650,
46.5890

■ 238.9080,
-15.0810, -18.5450

140.5080, 38.7780,
57.1620

239.2500,
-16.0440, -17.6120

127.7250, 45.8370,
66.9010

239.7060,
-17.3280, -16.3680

115.0560, 52.5750,
76.9510

240.0480,
-18.2910, -15.4350

102.3870, 59.3130,
87.0010

240.3900,
-19.2540, -14.5020

89.0170, 66.6470,
97.2630

240.8460,
-20.5380, -13.2580

Harmonies

Analogous

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



204.4930, -2.7060, 4.9900



205.1410, 4.2170, 6.1770



205.2510, 9.7190, 5.5830

Triad

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



205.1410, 4.2170, 6.1770



203.6110, 8.3450, -2.5590



201.9490, -13.1580, -3.8300

Complementary

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



205.1410, 4.2170, 6.1770



207.8590, -4.2170, -6.1770

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.



201.4500, -10.3150, -5.7950



205.1410, 4.2170, 6.1770



202.5070, 2.7060, -4.9900

Square

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



205.1410, 4.2170, 6.1770



204.4590, 11.8290, 0.3810



201.8590, -4.2170, -6.1770



202.3560, -12.7460, -0.2820

Rectangle

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



205.1410, 4.2170, 6.1770



204.9800, 11.9200, 4.2400



201.8590, -4.2170, -6.1770



201.7210, -12.5160, -4.4520

Sweetspot

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



205.1410, 4.2170, 6.1770



251.9510, 1.6960, 2.3040



202.0800, -2.9810, 4.4670



126.1250, 1.1460, 1.2580



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.



205.1410, 4.2170, 6.1770



244.0920, 5.9130, 8.4810



204.4570, 6.1430, 4.3110



102.1900, 2.5210, 3.8730



67.5450, 55.6920, 81.0360



17.0750, 13.7510, 20.6230

Inverse Universe

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



205.1410, 4.2170, 6.1770



244.0920, 5.9130, 8.4810



208.5430, -6.1430, -4.3110



102.1900, 2.5210, 3.8730



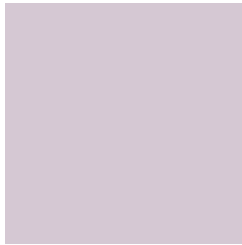
67.5450, 55.6920, 81.0360



17.0750, 13.7510, 20.6230

Previews

White Background



This preview shows how the YIQ color 205.1410, 4.2170, 6.1770 looks on a white background.

Color Contrast Check

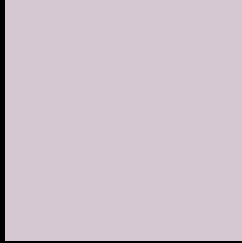
Large Text (above 18pt) WCAG AA × Fail

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 205.1410, 4.2170, 6.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

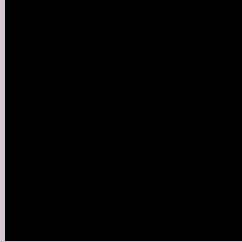
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.1410, 4.2170, 6.1770

Background



This preview shows how black text looks on a background with the YIQ color 205.1410, 4.2170, 6.1770.



This preview shows how white text looks on a background with the YIQ color 205.1410, 4.2170,

6.1770.

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

205.1410, 4.2170, 6.1770

Protanopia

204.7380, -2.0180, 3.5340

Deuteranopia

206.0600, 8.9390, 8.7070



Tritanopia

205.3090, 3.8040, 8.1560

Trichromacy



Original Color

205.1410, 4.2170, 6.1770

Protanomaly

204.9340, 0.3660, 4.3820

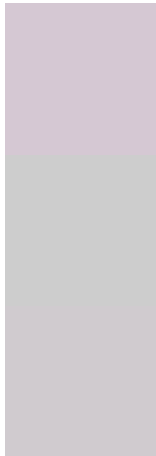
Deuteranomaly

205.7500, 6.8760, 7.5480

Tritanomaly

205.1950, 4.1250, 7.8450

Monochromacy



Original Color

205.1410, 4.2170, 6.1770

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.1410, 4.2170, 6.1770 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(213, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 211)  
}
```

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(213, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 211) }
```

Border

The CSS property to change the border of an element to YIQ 205.1410, 4.2170, 6.1770 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(213, 200, 211) }
```


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

```
.border{ border-color:rgb(213, 200, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 205.1410, 4.2170, 6.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 211) }
```

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

```
.background{ background-color: rgb(213,  
200, 211) }
```

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