

Converting Colors

YIQ(206.9660, 6.5080, 14.2200)

Have a look what the booklet for
YIQ(206.9660, 6.5080, 14.2200)
contains.

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Color

**YIQ(206.9660, 6.5080,
14.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC4E0
RGB	222, 196, 224
RGB Percent	87%, 77%, 88%
CMY	0.1293, 0.2314, 0.1216
CMYK	0.01, 0.13, 0.00, 0.12
HSL	296°, 31%, 82%
HSV	296°, 13%, 88%
XYZ	63.3226, 60.3896, 78.8407
YIQ	206.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

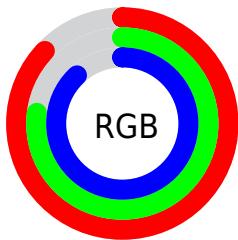
Format	Color
R _Y B	222, 196, 224
Decimal	14599392
CIE Lab	82.05, 14.07, -10.54
CIE LCh	82, 17.579, 323.146
Yxy	60.3896, 0.3126, 0.2981
Android (android.graphics.Color)	4292789472 (0xFFDEC4E0)
YUV	206.9660, 8.3978, 13.1848
Hunter-Lab	77.7108, 9.4568, -5.7545

Details

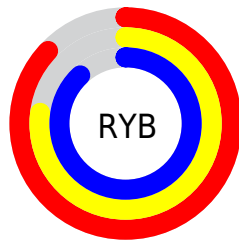
The YIQ color $206.9660, 6.5080, 14.2200$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $213.0340, -6.5080, -14.2200$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5500, 1.0460$, and $152.5530, 6.2330, 13.6970$ is the 20% darker color. If you saturate the color by 10%, you get $193.4540, 11.3660, 25.3020$, and if you desaturate by 10%, it is $220.4780, 1.6500, 3.1380$.

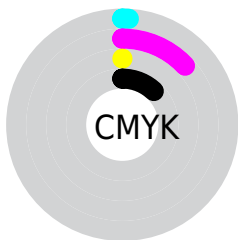
Distribution



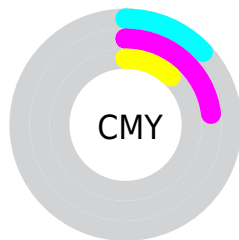
- Red (87%)
- Green (77%)
- Blue (88%)



- Red (87%)
- Yellow (77%)
- Blue (88%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.9660, 6.5080, 14.2200 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 206.9660, 6.5080, 14.2200 by changing the saturation by 10% instead.

■ 206.9660, 6.5080,
14.2200

■ 206.9660, 6.5080,
14.2200

■ 255.0000, -0.0000,
-0.0000

■ 179.5530, 6.2330,
13.6970

■ 253.8260, 0.5500,
1.0460

■ 152.5530, 6.2330,
13.6970

■ 126.7270, 5.6830,
12.6510

■ 101.7270, 5.6830,
12.6510

■ 77.3140, 5.4080,
12.1280

■ 54.6020, 4.5370,
11.3930

■ 33.0750, 4.5830,

10.5590

■ 10.4390, 6.5540,
13.3860

■ 0.0000, 0.0000,
0.0000

■ 206.9660, 6.5080,
14.2200

■ 206.9660, 6.5080,
14.2200

■ 193.4540, 11.3660,
25.3020

■ 220.4780, 1.6500,
3.1380

■ 179.6540, 17.0950,
37.1190

■ 234.2780, -4.0790,
-8.6790

■ 166.1420, 21.9530,
48.2010

■ 243.0940, -6.7370,
-15.5770

■ 152.3420, 27.6820,
60.0180

■ 243.3930, -6.1410,
-15.3650

138.8300, 32.5400,
71.1000

243.9910, -4.9490,
-14.9410

125.6170, 37.9940,
82.3940

244.5890, -3.7570,
-14.5170

111.5180, 43.1270,
93.9990

244.8880, -3.1610,
-14.3050

98.0060, 47.9850,
105.0810

245.4860, -1.9690,
-13.8810

87.7280, 52.0640,
113.7600

245.7850, -1.3730,
-13.6690

Harmonies

Analogous

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



205.0610, -9.9970, 10.4750



206.9660, 6.5080, 14.2200



207.2680, 20.2170, 13.5690

Triad

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



206.9660, 6.5080, 14.2200



204.2610, 20.9540, -5.3020



197.7940, -31.9550, -10.0910

Complementary

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



206.9660, 6.5080, 14.2200



213.0340, -6.5080, -14.2200

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.



198.9490, -22.3260, -13.8940



206.9660, 6.5080, 14.2200



202.0420, 8.2090, -11.1110

Square

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



206.9660, 6.5080, 14.2200



205.3100, 28.4260, 2.4580



199.8490, -7.4250, -14.1210



199.7110, -32.9190, -3.6310

Rectangle

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



206.9660, 6.5080, 14.2200



207.2100, 26.1320, 10.9960



199.8490, -7.4250, -14.1210



198.1100, -30.0290, -11.9570

Sweetspot

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



206.9660, 6.5080, 14.2200



248.8310, 2.1540, 5.0180



200.3660, -9.5380, 7.6620



123.5920, 1.3290, 3.4490



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.



206.9660, 6.5080, 14.2200



231.7970, 8.6620, 19.2380



206.1960, 11.5520, 10.9120



105.2440, 2.4290, 5.5410



69.1000, 41.2480, 89.5040



18.9270, 11.4120, 24.4680

Inverse Universe

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



204.6000, 16.0460, 6.5580



228.5900, 22.0060, 8.6780



213.8040, -11.5520, -10.9120



104.4030, 6.2350, 2.6430



53.9920, 101.0440, 41.0440



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 206.9660, 6.5080, 14.2200 looks on a white background.

Color Contrast Check

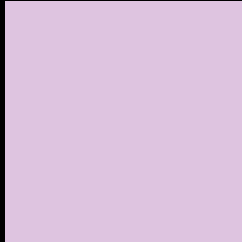
Large Text (above 18pt) WCAG AA × Fail

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 206.9660, 6.5080, 14.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

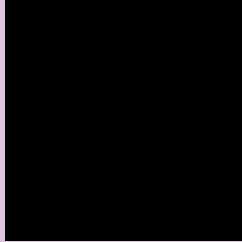
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.9660, 6.5080, 14.2200

Background



This preview shows how black text looks on a background with the YIQ color 206.9660, 6.5080, 14.2200.



This preview shows how white text looks on a background with the YIQ color 206.9660, 6.5080,

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

206.9660, 6.5080, 14.2200

Protanopia

205.2520, -9.2170, 7.3510

Deuteranopia

206.6340, 1.5110, 11.1670



Tritanopia

206.2880, 8.2970, 9.3290

Trichromacy



Original Color

206.9660, 6.5080, 14.2200

Protanomaly

205.7690, -3.3030, 10.3050

Deuteranomaly

206.9440, 3.5740, 12.3260

Tritanomaly

206.4560, 7.8840, 11.3080

Monochromacy



Original Color

206.9660, 6.5080, 14.2200

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.8310, 2.1540, 5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.9660, 6.5080, 14.2200 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(222, 196, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 224)  
}
```

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(222, 196, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 224) }
```

Border

The CSS property to change the border of an element to YIQ 206.9660, 6.5080, 14.2200 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(222, 196, 224) }
```


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

```
.border{ border-color:rgb(222, 196, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 206.9660, 6.5080, 14.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 224) }
```

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

```
.background{ background-color: rgb(222,  
196, 224) }
```

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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