

Converting Colors

YIQ(206.5230, 14.9450, 9.9930)

Have a look what the booklet for
YIQ(206.5230, 14.9450, 9.9930)
contains.

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Color

**YIQ(206.5230, 14.9450,
9.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C4CF
RGB	227, 196, 207
RGB Percent	89%, 77%, 81%
CMY	0.1097, 0.2314, 0.1882
CMYK	0.00, 0.14, 0.09, 0.11
HSL	339°, 36%, 83%
HSV	339°, 14%, 89%
XYZ	62.6861, 60.3139, 67.3776
YIQ	206.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

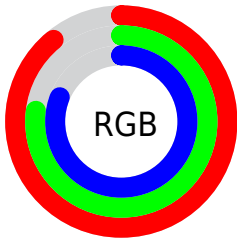
Format	Color
R _Y B	227, 196, 207
Decimal	14927055
CIE Lab	82.01, 12.78, -1.45
CIE LCh	82, 12.857, 353.521
Yxy	60.3139, 0.3293, 0.3168
Android (android.graphics.Color)	4293117135 (0xFFE3C4CF)
YUV	206.5230, 0.2352, 17.9583
Hunter-Lab	77.6620, 8.1706, 2.9249

Details

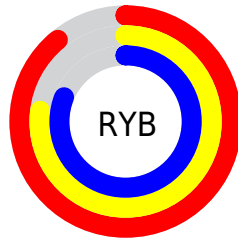
The YIQ color $206.5230, 14.9450, 9.9930$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.4770, -14.9450, -9.9930$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5500, 1.0460$, and $151.9250, 13.7530, 9.5690$ is the 20% darker color. If you saturate the color by 10%, you get $191.3120, 26.0850, 17.3570$, and if you desaturate by 10%, it is $221.7340, 3.8050, 2.6290$.

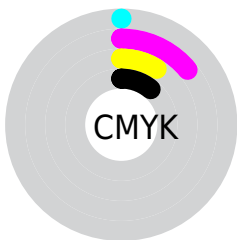
Distribution



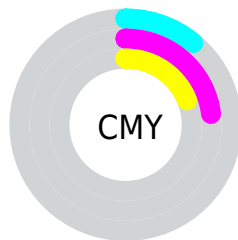
- Red (89%)
- Green (77%)
- Blue (81%)



- Red (89%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.5230, 14.9450, 9.9930 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 206.5230, 14.9450, 9.9930 by changing the saturation by 10% instead.

206.5230, 14.9450,
9.9930

206.5230, 14.9450,
9.9930

255.0000, -0.0000,
-0.0000

179.2240, 14.3490,
9.7810

253.8260, 0.5500,
1.0460

151.9250, 13.7530,
9.5690

126.5120, 13.4780,
9.0460

101.2130, 12.8820,
8.8340

76.9140, 12.2860,
8.6220

54.2020, 11.4150,
7.8870

32.6040, 10.2230,

7.4630

■ 9.6260, 13.1570,
9.3570

■ 0.0000, 0.0000,
0.0000

■ 206.5230, 14.9450,
9.9930

■ 206.5230, 14.9450,
9.9930

■ 191.3120, 26.0850,
17.3570

■ 221.7340, 3.8050,
2.6290

■ 176.8020, 36.6290,
24.5090

■ 236.2440, -6.7390,
-4.5230

■ 161.5910, 47.7690,
31.8730

■ 246.1720,
-15.4040, -7.1800

■ 146.3800, 58.9090,
39.2370

■ 246.6280,
-16.6880, -5.9360

■ 131.2830, 69.7280,
46.9120

■ 116.6590, 80.5930,
53.7530

■ 101.5620, 91.4120,
61.4280

■ 86.3510, 102.5520,
68.7920

■ 77.1070, 109.2910,
73.3150

Harmonies

Analogous

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



205.9610, 4.9040, 10.2480



206.5230, 14.9450, 9.9930



206.0520, 20.5850, 6.8970

Triad

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



206.5230, 14.9450, 9.9930



202.3670, 5.9160, -8.1000



201.0280, -23.5660, -2.4300

Complementary

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



206.5230, 14.9450, 9.9930



216.4770, -14.9450, -9.9930

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.



200.1650, -22.6940, -7.2220



206.5230, 14.9450, 9.9930



201.0390, -4.9040, -10.2480

Square

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



206.5230, 14.9450, 9.9930



203.9770, 16.0020, -3.6620



200.2920, -15.8620, -9.8940



203.1260, -17.7900, 3.0260

Rectangle

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



206.5230, 14.9450, 9.9930



205.8300, 21.0900, 3.2500



200.2920, -15.8620, -9.8940



200.6750, -24.0700, -4.3100

Sweetspot

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



206.5230, 14.9450, 9.9930



248.3320, 4.9970, 3.0530



205.5140, 1.9690, 13.8810



123.3210, 3.5300, 2.1060



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.



206.5230, 14.9450, 9.9930



227.9690, 19.6210, 13.3570



207.6170, 17.3760, 4.4800



107.0440, 5.8680, 3.7880



60.7030, 86.4610, 57.5410



17.3010, 24.6180, 16.4100

Inverse Universe

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



206.5230, 14.9450, 9.9930



227.9690, 19.6210, 13.3570



215.3830, -17.3760, -4.4800



107.0440, 5.8680, 3.7880



60.7030, 86.4610, 57.5410



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 206.5230, 14.9450, 9.9930 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 206.5230, 14.9450, 9.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

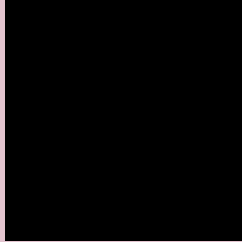
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.5230, 14.9450, 9.9930

Background



This preview shows how black text looks on a background with the YIQ color 206.5230, 14.9450, 9.9930.



This preview shows how white text looks on a background with the YIQ color 206.5230, 14.9450,

9.9930.

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

206.5230, 14.9450, 9.9930

Protanopia

204.8090, -0.7800, 3.1240

Deuteranopia

206.5010, 12.0110, 8.0990



Tritanopia

206.6910, 14.5320, 11.9720

Trichromacy



Original Color

206.5230, 14.9450, 9.9930

Protanomaly

205.3260, 5.1340, 6.0780

Deuteranomaly

206.2130, 12.8820, 8.8340

Tritanomaly

206.5770, 14.8530, 11.6610

Monochromacy



Original Color

206.5230, 14.9450, 9.9930

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.7450, 5.2720, 3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.5230, 14.9450, 9.9930 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(227, 196, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 196, 207)  
}
```

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(227, 196, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 196, 207) }
```

Border

The CSS property to change the border of an element to YIQ 206.5230, 14.9450, 9.9930 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(227, 196, 207) }
```


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

```
.border{ border-color:rgb(227, 196, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 196, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 196, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 196, 207); box-shadow:4px 4px 4px 4px rgb(227, 196, 207) }
```

Background

The CSS property to change the background color of an element to YIQ 206.5230, 14.9450, 9.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 196, 207) }
```

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

```
.background{ background-color: rgb(227,  
196, 207) }
```

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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