

Converting Colors

YIQ(206.1590, 4.9470, 25.9950)

Have a look what the booklet for
YIQ(206.1590, 4.9470, 25.9950)
contains.

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Color

**YIQ(206.1590, 4.9470,
25.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BCF5
RGB	227, 188, 245
RGB Percent	89%, 74%, 96%
CMY	0.1097, 0.2628, 0.0392
CMYK	0.07, 0.23, 0.00, 0.04
HSL	281°, 74%, 85%
HSV	281°, 23%, 96%
XYZ	66.1491, 58.8879, 94.2613
YIQ	206.1590, 4.9470, 25.9950

Conversions

Conversions Part 2

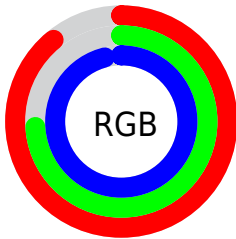
Format	Color
R _Y B	227, 188, 245
Decimal	14925045
CIE Lab	81.23, 24.00, -22.98
CIE LCh	81, 33.226, 316.251
Yxy	58.8879, 0.3016, 0.2685
Android (android.graphics.Color)	4293115125 (0xFFE3BCF5)
YUV	206.1590, 19.1486, 18.2776
Hunter-Lab	76.7385, 19.5760, -19.1116

Details

The YIQ color $206.1590, 4.9470, 25.9950$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $226.8410, -4.9470, -25.9950$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $151.3330, 4.3970, 24.9490$ is the 20% darker color. If you saturate the color by 10%, you get $189.0920, 7.0540, 37.3740$, and if you desaturate by 10%, it is $222.6390, 3.1150, 15.1390$.

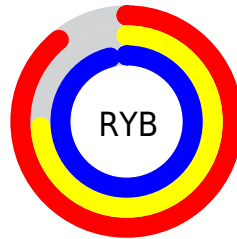
Distribution



Red (89%)

Green (74%)

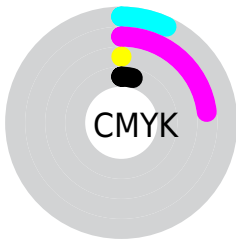
Blue (96%)



Red (89%)

Yellow (74%)

Blue (96%)

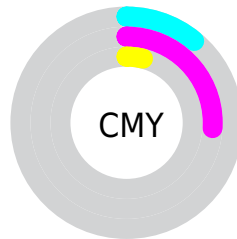


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (11%)


Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.1590, 4.9470, 25.9950 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 206.1590, 4.9470, 25.9950 by changing the saturation by 10% instead.

 206.1590, 4.9470,
25.9950

 206.1590, 4.9470,
25.9950


255.0000, -0.0000,
-0.0000


 178.6320, 4.9930,
25.1610


 248.5430, 3.0250,
5.7530

 151.3330, 4.3970,
24.9490

 125.3930, 4.1680,
23.5920

 99.9800, 3.8930,
23.0690

 76.1540, 3.3430,
22.0230

 52.6270, 3.3890,
21.1890

 29.9150, 2.5180,

20.4540

■ 12.6330, 3.2520,
18.1640

■ 2.5250, -5.7320,
4.7640

■ 206.1590, 4.9470,
25.9950

■ 206.1590, 4.9470,
25.9950

■ 189.0920, 7.0540,
37.3740

■ 222.6390, 3.1150,
15.1390

■ 172.9110, 9.4820,
48.4420

■ 239.4070, 0.4120,
3.5480

■ 155.8440, 11.5890,
59.8210

■ 252.3650, 0.2300,
-4.1700

■ 139.3640, 13.4210,
70.6770

■ 253.8600, 3.2100,
-3.1100

■ 122.2970, 15.5280,
82.0560

■ 106.1160, 17.9560,
93.1240

■ 89.0490, 20.0630,
104.5030

■ 78.1620, 21.4830,
111.8110

Harmonies

Analogous

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



201.4970, -25.7240, 14.6600



206.1590, 4.9470, 25.9950



206.3440, 32.2270, 27.1950

Triad

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



206.1590, 4.9470, 25.9950



201.5160, 42.0450, -7.5790



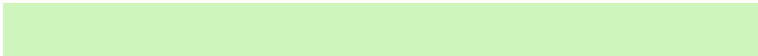
185.6970, -65.8350, -23.8430

Complementary

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



206.1590, 4.9470, 25.9950



226.8410, -4.9470, -25.9950

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.



189.8340, -38.6000, -27.3360



206.1590, 4.9470, 25.9950



198.4160, 21.4150, -19.1690

Square

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



206.1590, 4.9470, 25.9950



202.8520, 50.3870, 6.4430



194.1720, -7.3770, -26.0090



187.1280, -73.9980, -13.5660

Rectangle

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



206.1590, 4.9470, 25.9950



203.6620, 39.8390, 21.3990



194.1720, -7.3770, -26.0090



186.5360, -58.1320, -25.7800

Sweetspot

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



206.1590, 4.9470, 25.9950



242.6400, 1.3740, 8.1420



205.0640, -23.2470, 8.3130



120.3470, 0.6410, 4.9050



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.



206.1590, 4.9470, 25.9950



206.7450, 6.4130, 32.4690



210.4010, 18.8850, 26.7010



114.0590, 1.5120, 5.6400



59.4760, 16.5820, 84.9820



18.6860, 4.9010, 26.8290

Inverse Universe

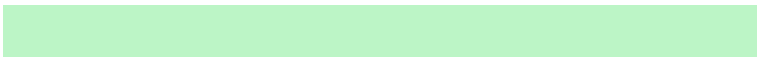
The Inverse Universe completely reimagines the original color for something new.



207.0950, 28.1940, 17.6820



207.7370, 35.2540, 21.8940



222.5990, -18.8850, -26.7010



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 206.1590, 4.9470, 25.9950 looks on a white background.

Color Contrast Check

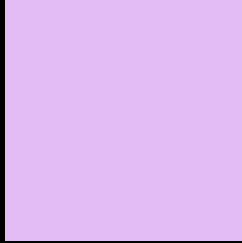
Large Text (above 18pt) WCAG AA × Fail

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 206.1590, 4.9470, 25.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

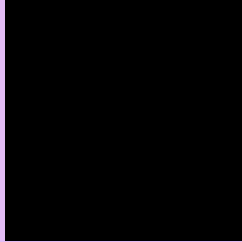
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.1590, 4.9470, 25.9950

Background



This preview shows how black text looks on a background with the YIQ color 206.1590, 4.9470, 25.9950.



This preview shows how white text looks on a background with the YIQ color 206.1590, 4.9470,

25.9950.

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

206.1590, 4.9470, 25.9950

Protanopia

202.7530, -23.5690, 14.1510

Deuteranopia

203.4400, -12.3820, 15.1540



Tritanopia

204.1960, 11.5520, 10.9120

Trichromacy



Original Color

206.1590, 4.9470, 25.9950

Protanomaly

204.2490, -13.1620, 18.2780

Deuteranomaly

204.4840, -6.5140, 18.9420

Tritanomaly

205.1020, 9.1210, 16.4250

Monochromacy



Original Color

206.1590, 4.9470, 25.9950

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.8790, 2.1990, 9.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.1590, 4.9470, 25.9950 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, 188, 245)` looks like.

```
.text, #text, p{  
    color:rgb(227, 188, 245)  
}
```

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, 188, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 188, 245) }
```

Border

The CSS property to change the border of an element to YIQ 206.1590, 4.9470, 25.9950 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, 188, 245) }
```


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

```
.border{ border-color:rgb(227, 188, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 188, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 188, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 188, 245);  
box-shadow:4px 4px 4px 4px rgb(227, 188,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 206.1590, 4.9470, 25.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 188, 245) }
```

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

```
.background{ background-color: rgb(227,  
188, 245) }
```

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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