

Converting Colors

YIQ(205.2580, 26.1770, 15.6890)

Have a look what the booklet for
YIQ(205.2580, 26.1770, 15.6890)
contains.

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Color

**YIQ(205.2580, 26.1770,
15.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	F0BCCB
RGB	240, 188, 203
RGB Percent	94%, 74%, 80%
CMY	0.0587, 0.2628, 0.2038
CMYK	0.00, 0.22, 0.15, 0.06
HSL	343°, 63%, 84%
HSV	343°, 22%, 94%
XYZ	64.7076, 58.8012, 64.4539
YIQ	205.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

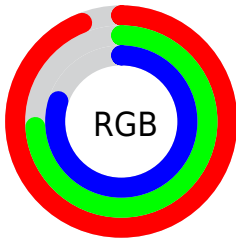
Format	Color
R _Y B	240, 188, 203
Decimal	15776971
CIE Lab	81.18, 20.97, -0.37
CIE LCh	81, 20.969, 358.979
Yxy	58.8012, 0.3443, 0.3128
Android (android.graphics.Color)	4293967051 (0xFFF0BCCB)
YUV	205.2580, -1.1132, 30.4687
Hunter-Lab	76.6820, 16.4326, 3.8420

Details

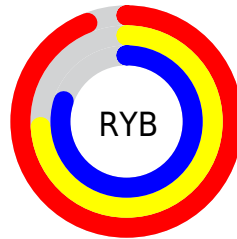
The YIQ color $205.2580, 26.1770, 15.6890$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.7420, -26.1770, -15.6890$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $150.3610, 24.3890, 15.0530$ is the 20% darker color. If you saturate the color by 10%, you get $189.2320, 38.2340, 22.9540$, and if you desaturate by 10%, it is $221.2840, 14.1200, 8.4240$.

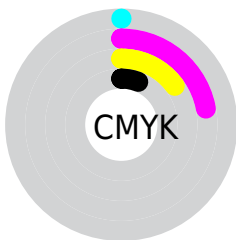
Distribution



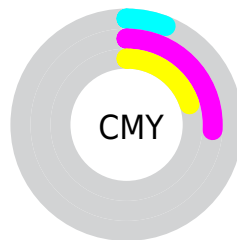
- Red (94%)
- Green (74%)
- Blue (80%)



- Red (94%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.2580, 26.1770, 15.6890 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 205.2580, 26.1770, 15.6890 by changing the saturation by 10% instead.


 205.2580, 26.1770,
15.6890

 205.2580, 26.1770,
15.6890


255.0000, -0.0000,
-0.0000

 177.6600, 24.9850,
15.2650


 248.5430, 3.0250,
5.7530

 150.3610, 24.3890,
15.0530

 124.6490, 23.5180,
14.3180

 99.3500, 22.9220,
14.1060

 75.4530, 21.1340,
13.4700

 51.8550, 19.9420,
13.0460

 29.3710, 18.4290,

12.9330

■ 11.4480, 19.5300,
9.4980

■ 0.0000, 0.0000,
0.0000

■ 205.2580, 26.1770,
15.6890

■ 205.2580, 26.1770,
15.6890

■ 189.2320, 38.2340,
22.9540

■ 221.2840, 14.1200,
8.4240

■ 173.2060, 50.2910,
30.2190

■ 237.3100, 2.0630,
1.1590

■ 157.1800, 62.3480,
37.4840

■ 250.4010, -8.6190,
-3.4910

■ 141.1540, 74.4050,
44.7490

■ 250.5150, -8.9400,
-3.1800

■ 125.1280, 86.4620,
52.0140

■ 109.1020, 98.5190,
59.2790

■ 93.0760, 110.5760,
66.5440

■ 79.6260, 120.8910,
72.3390

Harmonies

Analogous

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



205.2980, 11.5050, 17.2730



205.2580, 26.1770, 15.6890



204.1630, 33.5140, 9.3700

Triad

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



205.2580, 26.1770, 15.6890



198.5640, 6.5590, -14.2490



196.4160, -39.3380, -2.9380

Complementary

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



205.2580, 26.1770, 15.6890



222.7420, -26.1770, -15.6890

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.



194.0750, -40.1160, -10.8680



205.2580, 26.1770, 15.6890



196.5170, -12.4220, -17.1740

Square

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



205.2580, 26.1770, 15.6890



201.1640, 22.6050, -7.6910



194.4750, -29.7990, -16.1270



200.3300, -27.0520, 5.6840

Rectangle

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



205.2580, 26.1770, 15.6890



203.5880, 33.5150, 3.8430



194.4750, -29.7990, -16.1270



195.6390, -41.5840, -6.2880

Sweetspot

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



205.2580, 26.1770, 15.6890



242.9520, 9.1230, 5.3710



204.6920, 4.7640, 23.8040



120.6310, 5.5930, 3.2650



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.



205.2580, 26.1770, 15.6890



210.9000, 33.2370, 19.9010



209.4180, 28.2420, 5.7940



111.9300, 6.1890, 3.4770



61.0580, 92.6510, 55.4910



18.5680, 28.2400, 16.8480

Inverse Universe

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



205.2580, 26.1770, 15.6890



210.9000, 33.2370, 19.9010



218.5820, -28.2420, -5.7940



111.9300, 6.1890, 3.4770



61.0580, 92.6510, 55.4910



18.5680, 28.2400, 16.8480

Previews

White Background



This preview shows how the YIQ color 205.2580, 26.1770, 15.6890 looks on a white background.

Color Contrast Check

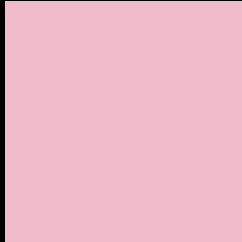
Large Text (above 18pt) WCAG AA × Fail

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 205.2580, 26.1770, 15.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

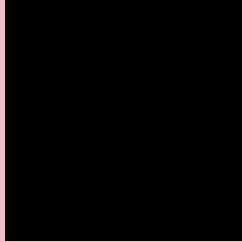
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.2580, 26.1770, 15.6890

Background



This preview shows how black text looks on a background with the YIQ color 205.2580, 26.1770, 15.6890.



This preview shows how white text looks on a background with the YIQ color 205.2580, 26.1770,

15.6890.

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

205.2580, 26.1770, 15.6890

Protanopia

202.7380, -2.0180, 3.5340

Deuteranopia

203.5720, 13.2490, 7.6890



Tritanopia

205.2580, 26.1770, 15.6890

Trichromacy



Original Color

205.2580, 26.1770, 15.6890

Protanomaly

203.3480, 8.0680, 7.9720

Deuteranomaly

203.9040, 18.2460, 10.7420

Tritanomaly

205.2580, 26.1770, 15.6890

Monochromacy



Original Color

205.2580, 26.1770, 15.6890

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.2510, 9.7190, 5.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.2580, 26.1770, 15.6890 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(240, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(240, 188, 203)  
}
```

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(240, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 188, 203) }
```

Border

The CSS property to change the border of an element to YIQ 205.2580, 26.1770, 15.6890 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(240, 188, 203) }
```


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

```
.border{ border-color:rgb(240, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(240, 188,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 205.2580, 26.1770, 15.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 188, 203) }
```

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

```
.background{ background-color: rgb(240,  
188, 203) }
```

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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