

Converting Colors

YIQ(203.5150, 18.5640, 27.0120)

Have a look what the booklet for
YIQ(203.5150, 18.5640, 27.0120)
contains.

YIQ(203.5150, 18.5640, 27.0120)	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(203.5150, 18.5640,
27.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB5E5
RGB	238, 181, 229
RGB Percent	93%, 71%, 90%
CMY	0.0665, 0.2903, 0.1019
CMYK	0.00, 0.24, 0.04, 0.07
HSL	309°, 63%, 82%
HSV	309°, 24%, 93%
XYZ	65.9373, 56.8802, 81.6393
YIQ	203.5150, 18.5640, 27.0120

Conversions

Conversions Part 2

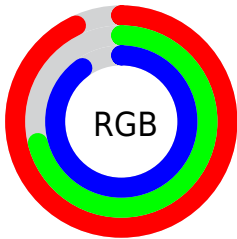
Format	Color
R _Y B	238, 181, 229
Decimal	15644133
CIE Lab	80.11, 28.35, -15.98
CIE LCh	80, 32.543, 330.582
Yxy	56.8802, 0.3225, 0.2782
Android (android.graphics.Color)	4293834213 (0xFFEEB5E5)
YUV	203.5150, 12.5641, 30.2433
Hunter-Lab	75.4189, 24.0758, -11.3868

Details

The YIQ color **203.5150, 18.5640, 27.0120** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **215.4850, -18.5640, -27.0120**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **148.9770, 17.1430, 25.2310** is the 20% darker color. If you saturate the color by 10%, you get **188.9710, 26.4480, 38.3200**, and if you desaturate by 10%, it is **218.0590, 10.6800, 15.7040**.

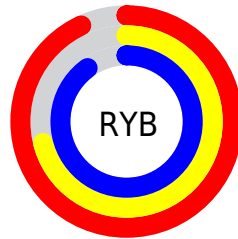
Distribution



Red (93%)

Green (71%)

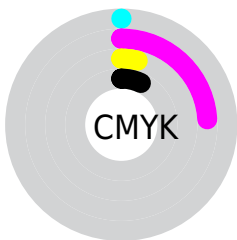
Blue (90%)



Red (93%)

Yellow (71%)

Blue (90%)

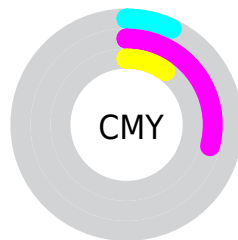


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.5150, 18.5640, 27.0120 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 203.5150, 18.5640, 27.0120 by changing the saturation by 10% instead.

 203.5150, 18.5640,
27.0120


 203.5150, 18.5640,
27.0120


255.0000, -0.0000,
-0.0000


 175.8030, 17.6930,
26.2770


 244.4340, 4.9500,
9.4140

 148.9770, 17.1430,
25.2310

 122.6780, 16.5470,
25.0190

 97.2650, 16.2720,
24.4960

 73.1400, 15.1260,
23.2380

 49.4280, 14.2550,
22.5030

 25.6560, 13.6130,

23.1250

■ 13.7710, 11.5510,
16.4390

■ 0.0000, 0.0000,
0.0000

■ 203.5150, 18.5640,
27.0120

■ 203.5150, 18.5640,
27.0120

■ 188.9710, 26.4480,
38.3200

■ 218.0590, 10.6800,
15.7040

■ 174.4270, 34.3320,
49.6280

■ 232.6030, 2.7960,
4.3960

■ 160.5840, 41.6200,
60.7240

■ 246.4460, -4.4920,
-6.7000

■ 146.0400, 49.5040,
72.0320

■ 248.6630, -6.6010,
-7.0250

■ 131.4960, 57.3880,
83.3400

■ 249.1190, -7.8850,
-5.7810

■ 116.9520, 65.2720,
94.6480

■ 249.5750, -9.1690,
-4.5370

■ 102.5220, 72.8350,
106.2670

■ 249.9170,
-10.1320, -3.6040

■ 93.9620, 77.6480,
112.6560

Harmonies

Analogous

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



201.7270, -11.5120, 21.4160



203.5150, 18.5640, 27.0120



202.2430, 39.7010, 23.9010

Triad

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



203.5150, 18.5640, 27.0120



197.1510, 32.6470, -13.4730



182.9940, -70.9250, -19.7010

Complementary

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



203.5150, 18.5640, 27.0120



215.4850, -18.5640, -27.0120

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.



184.3580, -51.7590, -25.6390



203.5150, 18.5640, 27.0120



193.4790, 7.9360, -22.6880

Square

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



203.5150, 18.5640, 27.0120



199.7820, 47.4080, -0.1440



189.6310, -21.9110, -26.9270



187.7640, -66.8010, -6.3290

Rectangle

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



203.5150, 18.5640, 27.0120



200.5500, 45.8460, 17.1580



189.6310, -21.9110, -26.9270



182.5660, -66.8440, -22.0760

Sweetspot

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



203.5150, 18.5640, 27.0120



244.0920, 5.9130, 8.4810



190.1890, -12.9330, 19.6350



121.3150, 3.6670, 5.1310



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.



203.5150, 18.5640, 27.0120



210.1940, 24.2020, 34.9700



200.3230, 27.5520, 18.3040



112.7280, 3.9420, 5.6540



72.6860, 59.9090, 87.2130



22.1020, 18.2890, 26.4890

Inverse Universe

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



203.5150, 18.5640, 27.0120



210.1940, 24.2020, 34.9700



218.6770, -27.5520, -18.3040



112.7280, 3.9420, 5.6540



72.6860, 59.9090, 87.2130



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 203.5150, 18.5640, 27.0120 looks on a white background.

Color Contrast Check

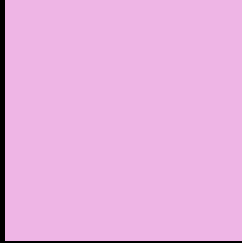
Large Text (above 18pt) WCAG AA × Fail

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 203.5150, 18.5640, 27.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

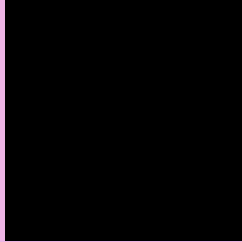
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.5150, 18.5640, 27.0120

Background



This preview shows how black text looks on a background with the YIQ color 203.5150, 18.5640, 27.0120.



This preview shows how white text looks on a background with the YIQ color 203.5150, 18.5640,

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

203.5150, 18.5640, 27.0120

Protanopia

199.8090, -17.9750, 11.8890

Deuteranopia

201.0510, -4.0370, 12.5950



Tritanopia

202.0620, 23.7930, 14.8410

Trichromacy



Original Color

203.5150, 18.5640, 27.0120



Protanomaly

200.9140, -4.9090, 17.3870



Deuteranomaly

201.8180, 4.1690, 18.0650



Tritanomaly

202.3270, 21.7290, 19.2090

Monochromacy



Original Color

203.5150, 18.5640, 27.0120



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5150, 18.5640, 27.0120 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(238, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(238, 181, 229)  
}
```

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(238, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 181, 229) }
```

Border

The CSS property to change the border of an element to YIQ 203.5150, 18.5640, 27.0120 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(238, 181, 229) }
```


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

```
.border{ border-color:rgb(238, 181, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 181, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 181, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 181, 229);  
box-shadow:4px 4px 4px 4px rgb(238, 181,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5150, 18.5640, 27.0120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 181, 229) }
```

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

```
.background{ background-color: rgb(238,  
181, 229) }
```

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