

Converting Colors

YIQ(200.3230, 27.5520, 18.3040)

Have a look what the booklet for
YIQ(200.3230, 27.5520, 18.3040)
contains.

YIQ(200.3230, 27.5520, 18.3040)	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(200.3230, 27.5520,
18.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB5C9
RGB	238, 181, 201
RGB Percent	93%, 71%, 79%
CMY	0.0665, 0.2903, 0.2117
CMYK	0.00, 0.24, 0.16, 0.07
HSL	339°, 63%, 82%
HSV	339°, 24%, 93%
XYZ	62.3370, 55.4399, 62.6886
YIQ	200.3230, 27.5520, 18.3040

Conversions

Conversions Part 2

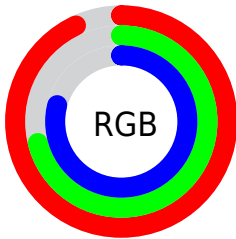
Format	Color
R _Y B	238, 181, 201
Decimal	15644105
CIE Lab	79.29, 23.67, -2.08
CIE LCh	79, 23.758, 354.973
Yxy	55.4399, 0.3454, 0.3072
Android (android.graphics.Color)	4293834185 (0xFFEEB5C9)
YUV	200.3230, 0.3338, 33.0427
Hunter-Lab	74.4580, 19.1407, 2.2024

Details

The YIQ color **200.3230, 27.5520, 18.3040** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **218.6770, -27.5520, -18.3040**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **146.0130, 25.4890, 17.1450** is the 20% darker color. If you saturate the color by 10%, you get **184.5250, 38.9670, 26.1910**, and if you desaturate by 10%, it is **216.1210, 16.1370, 10.4170**.

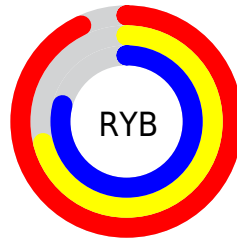
Distribution



Red (93%)

Green (71%)

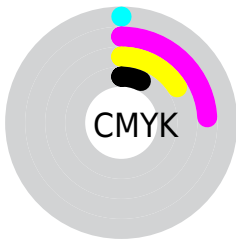
Blue (79%)



Red (93%)

Yellow (71%)

Blue (79%)

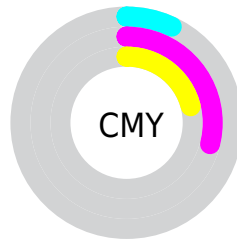


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.3230, 27.5520, 18.3040 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 200.3230, 27.5520, 18.3040 by changing the saturation by 10% instead.


 200.3230, 27.5520,
18.3040


 200.3230, 27.5520,
18.3040


255.0000, -0.0000,
-0.0000


 172.7250, 26.3600,
17.8800

 244.4340, 4.9500,
9.4140

 146.0130, 25.4890,
17.1450

 119.7140, 24.8930,
16.9330

 94.8170, 23.1050,
16.2970

 70.5180, 22.5090,
16.0850

 47.5070, 21.0420,
15.1380

 24.4360, 19.8040,

15.5480

■ 10.5080, 19.3010,
8.1410

■ 0.0000, 0.0000,
0.0000

■ 200.3230, 27.5520,
18.3040

■ 200.3230, 27.5520,
18.3040

■ 184.5250, 38.9670,
26.1910

■ 216.1210, 16.1370,
10.4170

■ 168.6130, 50.7030,
33.7670

■ 232.0330, 4.4010,
2.8410

■ 153.4020, 61.8430,
41.1310

■ 247.2440, -6.7390,
-4.5230

■ 137.4900, 73.5790,
48.7070

■ 249.9170,
-10.1320, -3.6040

■ 121.6920, 84.9940,
56.5940

■ 105.7800, 96.7300,
64.1700

■ 89.9820, 108.1450,
72.0570

■ 80.7380, 114.8840,
76.5800

Harmonies

Analogous

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



200.2810, 10.1750, 19.3510



200.3230, 27.5520, 18.3040



199.5980, 36.7230, 11.7870

Triad

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



200.3230, 27.5520, 18.3040



193.4780, 9.6770, -15.6910



189.2410, -46.2150, -4.9590

Complementary

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



200.3230, 27.5520, 18.3040



218.6770, -27.5520, -18.3040

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.



187.4440, -45.7090, -14.1330



200.3230, 27.5520, 18.3040



190.5340, -11.0920, -19.2520

Square

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



200.3230, 27.5520, 18.3040



196.2030, 26.8690, -7.8750



188.2250, -32.0910, -18.6430



194.3940, -33.1040, 5.2320

Rectangle

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



200.3230, 27.5520, 18.3040



198.6810, 37.6870, 5.3270



188.2250, -32.0910, -18.6430



188.3500, -48.1400, -8.6200

Sweetspot

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



200.3230, 27.5520, 18.3040



243.0660, 8.8020, 5.6820



198.2620, 3.1590, 25.3590



120.7450, 5.2720, 3.5760



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.



200.3230, 27.5520, 18.3040



206.0900, 35.7580, 23.7740



202.7390, 31.7720, 7.9000



112.0440, 5.8680, 3.7880



62.3120, 89.1200, 58.9120



19.0240, 26.9560, 18.0920

Inverse Universe

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



200.3230, 27.5520, 18.3040



206.0900, 35.7580, 23.7740



216.2610, -31.7720, -7.9000



112.0440, 5.8680, 3.7880



62.3120, 89.1200, 58.9120



19.0240, 26.9560, 18.0920

Previews

White Background



This preview shows how the YIQ color 200.3230, 27.5520, 18.3040 looks on a white background.

Color Contrast Check

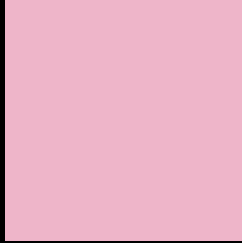
Large Text (above 18pt) WCAG AA × Fail

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 200.3230, 27.5520, 18.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

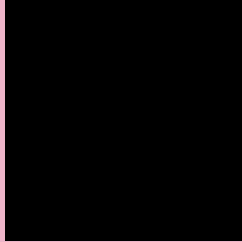
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.3230, 27.5520, 18.3040

Background



This preview shows how black text looks on a background with the YIQ color 200.3230, 27.5520, 18.3040.



This preview shows how white text looks on a background with the YIQ color 200.3230, 27.5520,

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

200.3230, 27.5520, 18.3040

Protanopia

197.5960, -4.4940, 4.3540

Deuteranopia

198.7890, 11.1400, 7.3640



Tritanopia

200.0410, 28.2860, 16.0140

Trichromacy



Original Color

200.3230, 27.5520, 18.3040

Protanomaly

198.8040, 6.7840, 9.2160

Deuteranomaly

199.2460, 17.2830, 11.6750

Tritanomaly

200.2690, 27.6440, 16.6360

Monochromacy



Original Color

200.3230, 27.5520, 18.3040

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0770, 10.2690, 6.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3230, 27.5520, 18.3040 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(238, 181, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 181, 201) }
```

Border

The CSS property to change the border of an element to YIQ 200.3230, 27.5520, 18.3040 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, 201) }
```


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

```
.border{ border-color:rgb(238, 181, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(238, 181,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3230, 27.5520, 18.3040 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, 201) }
```

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

```
.background{ background-color: rgb(238,  
181, 201) }
```

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