

Converting Colors

YIQ(200.9760, 18.8840, 32.2280)

Have a look what the booklet for
YIQ(200.9760, 18.8840, 32.2280)
contains.

YIQ(200.9760, 18.8840, 32.2280)	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(200.9760, 18.8840,
32.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAFEB
RGB	239, 175, 235
RGB Percent	94%, 69%, 92%
CMY	0.0625, 0.3138, 0.0784
CMYK	0.00, 0.27, 0.02, 0.06
HSL	304°, 67%, 81%
HSV	304°, 27%, 94%
XYZ	65.9341, 55.0073, 85.7451
YIQ	200.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

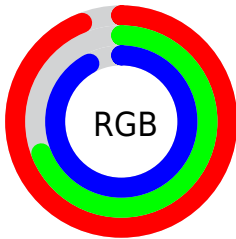
Format	Color
R _Y B	239, 175, 235
Decimal	15708139
CIE Lab	79.05, 32.94, -20.82
CIE LCh	79, 38.966, 327.703
Yxy	55.0073, 0.3190, 0.2661
Android (android.graphics.Color)	4293898219 (0xFFEFAFEB)
YUV	200.9760, 16.7738, 33.3470
Hunter-Lab	74.1669, 28.8940, -16.6290

Details

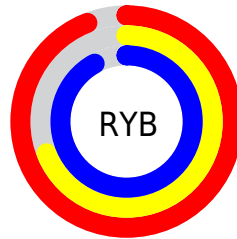
The YIQ color $200.9760, 18.8840, 32.2280$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $213.0240, -18.8840, -32.2280$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $146.4380, 17.4630, 30.4470$ is the 20% darker color. If you saturate the color by 10%, you get $186.7740, 25.8050, 44.4690$, and if you desaturate by 10%, it is $215.2920, 11.6420, 20.2980$.

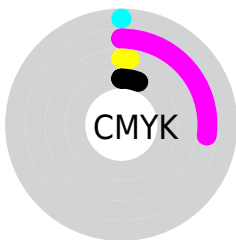
Distribution



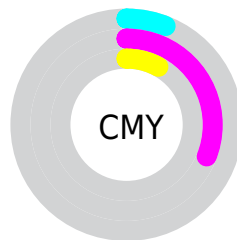
- Red (94%)
- Green (69%)
- Blue (92%)



- Red (94%)
- Yellow (69%)
- Blue (92%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.9760, 18.8840, 32.2280 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 200.9760, 18.8840, 32.2280 by changing the saturation by 10% instead.

200.9760, 18.8840,
32.2280

200.9760, 18.8840,
32.2280

255.0000, -0.0000,
-0.0000

173.2640, 18.0130,
31.4930

240.9120, 6.6000,
12.5520

146.4380, 17.4630,
30.4470

120.0250, 17.1880,
29.9240

94.3130, 16.3170,
29.1890

69.6010, 15.4460,
28.4540

45.8890, 14.5750,
27.7190

22.0030, 14.2540,

28.0300

■ 13.9280, 9.6710,
17.4710

■ 0.5700, -1.6050,
1.5550

■ 200.9760, 18.8840,
32.2280

■ 200.9760, 18.8840,
32.2280

■ 186.7740, 25.8050,
44.4690

■ 215.2920, 11.6420,
20.2980

■ 172.4580, 33.0470,
56.3990

■ 229.4940, 4.7210,
8.0570

■ 158.1420, 40.2890,
68.3290

■ 243.8100, -2.5210,
-3.8730

■ 143.9400, 47.2100,
80.5700

■ 248.6200, -5.0420,
-7.7460

129.6240, 54.4520,
92.5000

248.8480, -5.6840,
-7.1240

116.0090, 61.0980,
104.2180

248.9620, -6.0050,
-6.8130

101.6930, 68.3400,
116.1480

249.1900, -6.6470,
-6.1910

96.9970, 70.5400,
120.3320

249.3040, -6.9680,
-5.8800

249.5320, -7.6100,
-5.2580

Harmonies

Analogous

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



197.4430, -16.4640, 23.0560



200.9760, 18.8840, 32.2280



197.6610, 41.5800, 28.3960

Triad

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



200.9760, 18.8840, 32.2280



193.9900, 40.3500, -15.4100



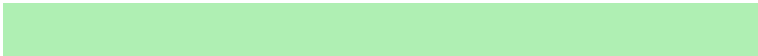
170.4360, -95.9570, -28.6050

Complementary

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



200.9760, 18.8840, 32.2280



213.0240, -18.8840, -32.2280

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.



177.0960, -62.9450, -32.1690



200.9760, 18.8840, 32.2280



189.8830, 12.4300, -27.0420

Square

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



200.9760, 18.8840, 32.2280



196.2130, 56.4400, 1.3680



184.3980, -22.8730, -31.5210



177.1570, -90.1370, -12.9290

Rectangle

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



200.9760, 18.8840, 32.2280



195.3980, 49.3300, 20.0980



184.3980, -22.8730, -31.5210



171.7590, -86.7410, -30.4290

Sweetspot

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



200.9760, 18.8840, 32.2280



243.1460, 5.8210, 10.1490



183.1930, -18.7560, 20.5400



120.2550, 3.8960, 6.4880



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.



200.9760, 18.8840, 32.2280



206.2960, 24.1550, 41.3310



197.4420, 28.8350, 22.5870



112.8420, 3.6210, 5.9650



74.6240, 54.4520, 92.5000



22.7860, 16.3630, 28.3550

Inverse Universe

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



200.9760, 18.8840, 32.2280



206.2960, 24.1550, 41.3310



216.5580, -28.8350, -22.5870



112.8420, 3.6210, 5.9650



74.6240, 54.4520, 92.5000



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 200.9760, 18.8840, 32.2280 looks on a white background.

Color Contrast Check

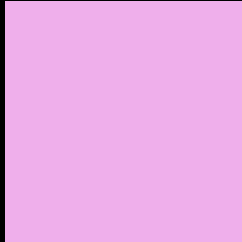
Large Text (above 18pt) WCAG AA × Fail

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 200.9760, 18.8840, 32.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

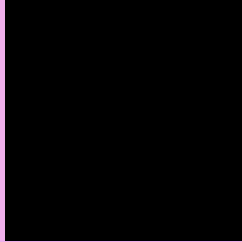
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.9760, 18.8840, 32.2280

Background



This preview shows how black text looks on a background with the YIQ color 200.9760, 18.8840, 32.2280.



This preview shows how white text looks on a background with the YIQ color 200.9760, 18.8840,

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

200.9760, 18.8840, 32.2280

Protanopia

196.8670, -23.8900, 14.4620

Deuteranopia

197.7670, -8.9890, 14.2350



Tritanopia

199.1440, 26.4980, 15.3780

Trichromacy



Original Color

200.9760, 18.8840, 32.2280



Protanomaly

198.1680, -8.4400, 20.8080



Deuteranomaly

198.8440, 1.2800, 20.8640



Tritanomaly

199.5770, 24.0210, 21.7250

Monochromacy



Original Color

200.9760, 18.8840, 32.2280



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

201.2710, 6.9670, 11.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.9760, 18.8840, 32.2280 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(239, 175, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 235)  
}
```

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(239, 175, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 235) }
```

Border

The CSS property to change the border of an element to YIQ 200.9760, 18.8840, 32.2280 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(239, 175, 235) }
```


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

```
.border{ border-color:rgb(239, 175, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 175, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 200.9760, 18.8840, 32.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 175, 235) }
```

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

```
.background{ background-color: rgb(239,  
175, 235) }
```

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