

Converting Colors

YIQ(198.2440, 20.7650, 25.6690)

Have a look what the booklet for
YIQ(198.2440, 20.7650, 25.6690)
contains.

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Color

**YIQ(198.2440, 20.7650,
25.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB0DB
RGB	234, 176, 219
RGB Percent	92%, 69%, 86%
CMY	0.0822, 0.3099, 0.1411
CMYK	0.00, 0.25, 0.06, 0.08
HSL	316°, 58%, 80%
HSV	316°, 25%, 92%
XYZ	62.2539, 53.6558, 74.1019
YIQ	198.2440, 20.7650, 25.6690

Conversions

Conversions Part 2

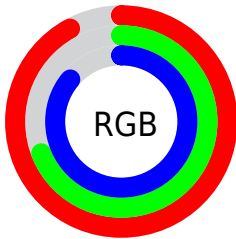
Format	Color
RYB	234, 176, 219
Decimal	15380699
CIELab	78.26, 27.93, -13.40
CIELCh	78, 30.977, 334.361
Yxy	53.6558, 0.3276, 0.2824
Android (android.graphics.Color)	4293570779 (0xFFEAB0DB)
YUV	198.2440, 10.2327, 31.3580
Hunter-Lab	73.2501, 23.5160, -8.7044

Details

The YIQ color $198.2440, 20.7650, 25.6690$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $211.7560, -20.7650, -25.6690$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4990, 6.3250, 12.0290$, and $144.1190, 19.6190, 24.4110$ is the 20% darker color. If you saturate the color by 10%, you get $184.0590, 29.0160, 35.8320$, and if you desaturate by 10%, it is $212.4290, 12.5140, 15.5060$.

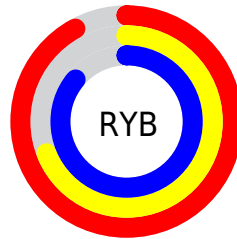
Distribution



Red (92%)

Green (69%)

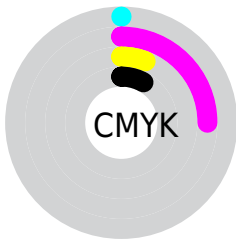
Blue (86%)



Red (92%)

Yellow (69%)

Blue (86%)

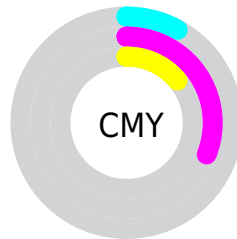


Cyan (0%)

Magenta (25%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.2440, 20.7650, 25.6690 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 198.2440, 20.7650, 25.6690 by changing the saturation by 10% instead.


 198.2440, 20.7650,
25.6690


 198.2440, 20.7650,
25.6690


255.0000, -0.0000,
-0.0000


 170.8310, 20.4900,
25.1460


 241.4990, 6.3250,
12.0290

 144.1190, 19.6190,
24.4110

 118.1080, 18.1520,
23.4640

 92.6950, 17.8770,
22.9410

 68.0970, 16.6850,
22.5170

 44.6840, 16.4100,
21.9940

 21.4990, 15.4930,

22.0930

■ 11.1790, 10.2220,
12.9900

■ 0.0000, 0.0000,
0.0000

■ 198.2440, 20.7650,
25.6690

■ 198.2440, 20.7650,
25.6690

■ 184.0590, 29.0160,
35.8320

■ 212.4290, 12.5140,
15.5060

■ 169.2870, 37.5420,
46.5180

■ 227.2010, 3.9880,
4.8200

■ 155.1020, 45.7930,
56.6810

■ 241.3860, -4.2630,
-5.3430

■ 140.3300, 54.3190,
67.3670

■ 247.3530, -8.6640,
-8.1840

■ 126.1450, 62.5700,
77.5300

■ 248.0370,
-10.5900, -6.3180

■ 111.9600, 70.8210,
87.6930

■ 248.7210,
-12.5160, -4.4520

■ 97.1880, 79.3470,
98.3790

■ 89.6880, 83.9310,
103.4110

Harmonies

Analogous

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



196.7660, -7.2480, 21.2320



198.2440, 20.7650, 25.6690



197.3740, 40.7100, 22.1340

Triad

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



198.2440, 20.7650, 25.6690



191.5850, 28.4290, -14.1230



178.8420, -67.4410, -16.7610

Complementary

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



198.2440, 20.7650, 25.6690



211.7560, -20.7650, -25.6690

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.



180.4120, -51.8510, -23.9710



198.2440, 20.7650, 25.6690



188.6250, 4.5890, -22.6030

Square

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



198.2440, 20.7650, 25.6690



193.9880, 43.8320, -1.4160



184.0160, -24.4330, -25.2730



184.1670, -60.5660, -3.6860

Rectangle

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



198.2440, 20.7650, 25.6690



196.6810, 46.8550, 15.3910



184.0160, -24.4330, -25.2730



178.7020, -64.2310, -19.8710

Sweetspot

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



198.2440, 20.7650, 25.6690



243.8640, 6.5550, 7.8590



186.7980, -10.2740, 21.0060



121.2010, 3.9880, 4.8200



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.



198.2440, 20.7650, 25.6690



208.1080, 27.3200, 33.5280



194.9380, 30.0740, 16.6500



110.2010, 3.9880, 4.8200



69.3950, 64.8620, 80.0460



20.7060, 19.3440, 23.8880

Inverse Universe

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



198.2440, 20.7650, 25.6690



208.1080, 27.3200, 33.5280



215.0620, -30.0740, -16.6500



110.2010, 3.9880, 4.8200



69.3950, 64.8620, 80.0460



20.7060, 19.3440, 23.8880

Previews

White Background



This preview shows how the YIQ color 198.2440, 20.7650, 25.6690 looks on a white background.

Color Contrast Check

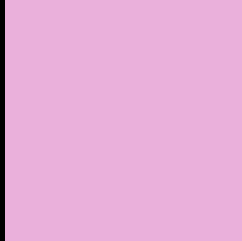
Large Text (above 18pt) WCAG AA × Fail

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 198.2440, 20.7650, 25.6690 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 198.2440, 20.7650, 25.6690

Background



This preview shows how black text looks on a background with the YIQ color 198.2440, 20.7650, 25.6690.



This preview shows how white text looks on a background with the YIQ color 198.2440, 20.7650,

25.6690.

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

198.2440, 20.7650, 25.6690

Protanopia

194.5380, -15.7740, 10.5460

Deuteranopia

196.0790, -1.2400, 11.4640



Tritanopia

196.8450, 25.9020, 15.1660

Trichromacy



Original Color

198.2440, 20.7650, 25.6690

Protanomaly

195.6430, -2.7080, 16.0440

Deuteranomaly

196.8460, 6.9660, 16.9340

Tritanomaly

197.5830, 23.8840, 18.7000

Monochromacy



Original Color

198.2440, 20.7650, 25.6690

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1030, 7.3800, 9.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.2440, 20.7650, 25.6690 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(234, 176, 219)` looks like.

```
.text, #text, p{  
    color:rgb(234, 176, 219)  
}
```

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(234, 176, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 176, 219) }
```

Border

The CSS property to change the border of an element to YIQ 198.2440, 20.7650, 25.6690 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(234, 176, 219) }
```


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

```
.border{ border-color:rgb(234, 176, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 176, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 176, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 176, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 176,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 198.2440, 20.7650, 25.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 176, 219) }
```

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

```
.background{ background-color: rgb(234,  
176, 219) }
```

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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