

Converting Colors

YIQ(203.8630, 17.4640, 24.9200)

Have a look what the booklet for
YIQ(203.8630, 17.4640, 24.9200)
contains.

YIQ(203.8630, 17.4640, 24.9200)	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(203.8630, 17.4640,
24.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB7E3
RGB	236, 183, 227
RGB Percent	93%, 72%, 89%
CMY	0.0744, 0.2824, 0.1098
CMYK	0.00, 0.22, 0.04, 0.07
HSL	310°, 58%, 82%
HSV	310°, 22%, 93%
XYZ	65.4004, 57.2439, 80.2818
YIQ	203.8630, 17.4640, 24.9200

Conversions

Conversions Part 2

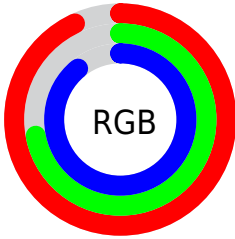
Format	Color
R _Y B	236, 183, 227
Decimal	15513571
CIE Lab	80.32, 26.26, -14.62
CIE LCh	80, 30.056, 330.896
Yxy	57.2439, 0.3223, 0.2821
Android (android.graphics.Color)	4293703651 (0xFFECB7E3)
YUV	203.8630, 11.4065, 28.1841
Hunter-Lab	75.6597, 21.8911, -9.9502

Details

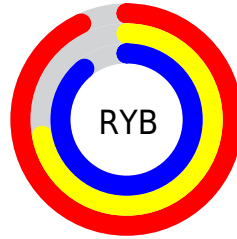
The YIQ color $203.8630, 17.4640, 24.9200$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $215.1370, -17.4640, -24.9200$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.6080, 4.4000, 8.3680$, and $149.7380, 16.3180, 23.6620$ is the 20% darker color. If you saturate the color by 10%, you get $189.3190, 25.3480, 36.2280$, and if you desaturate by 10%, it is $218.4070, 9.5800, 13.6120$.

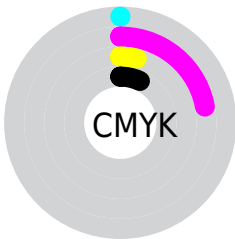
Distribution



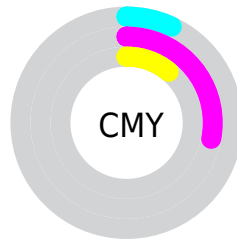
- Red (93%)
- Green (72%)
- Blue (89%)



- Red (93%)
- Yellow (72%)
- Blue (89%)



- Cyan (0%)
- Magenta (22%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.8630, 17.4640, 24.9200 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 203.8630, 17.4640, 24.9200 by changing the saturation by 10% instead.

■ 203.8630, 17.4640,
24.9200

■ 203.8630, 17.4640,
24.9200

255.0000, -0.0000,
-0.0000

■ 176.4500, 17.1890,
24.3970

■ 245.6080, 4.4000,
8.3680

■ 149.7380, 16.3180,
23.6620

■ 123.3250, 16.0430,
23.1390

■ 97.6130, 15.1720,
22.4040

■ 73.9010, 14.3010,
21.6690

■ 50.1890, 13.4300,
20.9340

■ 26.8900, 12.8340,

20.7220

■ 13.3580, 11.2760,
15.9160

■ 0.0000, 0.0000,
0.0000

■ 203.8630, 17.4640,
24.9200

■ 203.8630, 17.4640,
24.9200

■ 189.3190, 25.3480,
36.2280

■ 218.4070, 9.5800,
13.6120

■ 175.3620, 32.9570,
47.0130

■ 232.3640, 1.9710,
2.8270

■ 160.8180, 40.8410,
58.3210

■ 246.9080, -5.9130,
-8.4810

■ 146.8610, 48.4500,
69.1060

■ 247.9510, -7.4720,
-7.7600

132.3170, 56.3340,
80.4140

248.4070, -8.7560,
-6.5160

117.7730, 64.2180,
91.7220

248.8630,
-10.0400, -5.2720

103.8160, 71.8270,
102.5070

249.3190,
-11.3240, -4.0280

92.9080, 77.7400,
110.9880

Harmonies

Analogous

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



202.1570, -9.9070, 19.8610



203.8630, 17.4640, 24.9200



203.4060, 37.6840, 21.9080

Triad

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



203.8630, 17.4640, 24.9200



198.0090, 30.1710, -12.6530



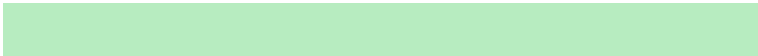
185.5820, -63.7730, -17.1570

Complementary

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



203.8630, 17.4640, 24.9200



215.1370, -17.4640, -24.9200

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.



186.8640, -47.3120, -23.6320



203.8630, 17.4640, 24.9200



194.6470, 7.5230, -20.7090

Square

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



203.8630, 17.4640, 24.9200



199.9280, 44.0610, -0.0590



190.5820, -20.2150, -24.6230



189.4120, -59.8780, -5.1420

Rectangle

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



203.8630, 17.4640, 24.9200



201.9520, 44.6540, 16.7340



190.5820, -20.2150, -24.6230



185.7410, -59.9670, -20.0550

Sweetspot

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



203.8630, 17.4640, 24.9200



244.0920, 5.9130, 8.4810



191.7330, -11.6490, 18.3910



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.



203.8630, 17.4640, 24.9200



213.1290, 22.8270, 32.3550



200.8990, 25.8100, 16.8340



110.3150, 3.6670, 5.1310



71.2190, 59.7260, 85.0220



21.1620, 18.0600, 25.1320

Inverse Universe

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



203.8630, 17.4640, 24.9200



213.1290, 22.8270, 32.3550



218.1010, -25.8100, -16.8340



110.3150, 3.6670, 5.1310



71.2190, 59.7260, 85.0220



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 203.8630, 17.4640, 24.9200 looks on a white background.

Color Contrast Check

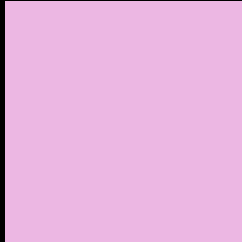
Large Text (above 18pt) WCAG AA × Fail

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 203.8630, 17.4640, 24.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

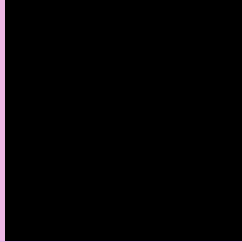
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.8630, 17.4640, 24.9200

Background



This preview shows how black text looks on a background with the YIQ color 203.8630, 17.4640, 24.9200.



This preview shows how white text looks on a background with the YIQ color 203.8630, 17.4640,

24.9200.

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

203.8630, 17.4640, 24.9200

Protanopia

200.6520, -16.0950, 10.8570

Deuteranopia

201.4210, -2.2030, 12.3970



Tritanopia

202.4640, 22.6010, 14.4170

Trichromacy



Original Color

203.8630, 17.4640, 24.9200

Protanomaly

202.0450, -3.9000, 15.6200

Deuteranomaly

202.4760, 5.1320, 17.1320

Tritanomaly

203.2020, 20.5830, 17.9510

Monochromacy



Original Color

203.8630, 17.4640, 24.9200

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.8630, 17.4640, 24.9200 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(236, 183, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 183, 227)  
}
```

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(236, 183, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 183, 227) }
```

Border

The CSS property to change the border of an element to YIQ 203.8630, 17.4640, 24.9200 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(236, 183, 227) }
```


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

```
.border{ border-color:rgb(236, 183, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 183, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 183, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 183, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 183,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 203.8630, 17.4640, 24.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 183, 227) }
```

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

```
.background{ background-color: rgb(236,  
183, 227) }
```

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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