

Converting Colors

YIQ(196.9610, 23.2400, 30.3760)

Have a look what the booklet for
YIQ(196.9610, 23.2400, 30.3760)
contains.

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Color

**YIQ(196.9610, 23.2400,
30.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	EEABDF
RGB	238, 171, 223
RGB Percent	93%, 67%, 87%
CMY	0.0665, 0.3295, 0.1254
CMYK	0.00, 0.28, 0.06, 0.07
HSL	313°, 66%, 80%
HSV	313°, 28%, 93%
XYZ	63.1550, 52.6293, 76.6512
YIQ	196.9610, 23.2400, 30.3760

Conversions

Conversions Part 2

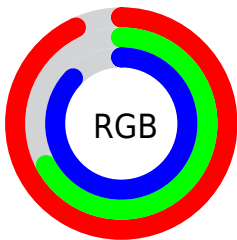
Format	Color
RYB	238, 171, 223
Decimal	15641567
CIELab	77.66, 32.62, -16.44
CIELCh	78, 36.529, 333.251
Yxy	52.6293, 0.3282, 0.2735
Android (android.graphics.Color)	4293831647 (0xFFEEABDF)
YUV	196.9610, 12.8372, 35.9912
Hunter-Lab	72.5460, 28.4378, -11.8629

Details

The YIQ color **196.9610, 23.2400, 30.3760** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **212.0390, -23.2400, -30.3760**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.5640, 7.7000, 14.6440**, and **142.5370, 21.4980, 28.9060** is the 20% darker color. If you saturate the color by 10%, you get **182.3030, 31.4450, 41.3730**, and if you desaturate by 10%, it is **211.6190, 15.0350, 19.3790**.

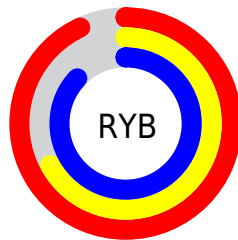
Distribution



Red (93%)

Green (67%)

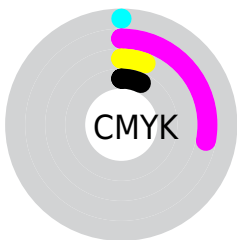
Blue (87%)



Red (93%)

Yellow (67%)

Blue (87%)

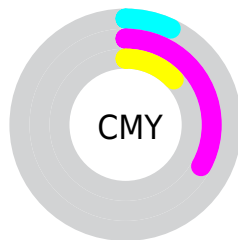


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9610, 23.2400, 30.3760 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 196.9610, 23.2400, 30.3760 by changing the saturation by 10% instead.

■ 196.9610, 23.2400,
30.3760

■ 196.9610, 23.2400,
30.3760

255.0000, -0.0000,
-0.0000

■ 169.2490, 22.3690,
29.6410

■ 238.5640, 7.7000,
14.6440

■ 142.5370, 21.4980,
28.9060

■ 116.1240, 21.2230,
28.3830

■ 91.1130, 19.7560,
27.4360

■ 66.4010, 18.8850,
26.7010

■ 42.1020, 18.2890,
26.4890

■ 20.6780, 16.5470,

25.0190

■ 12.1190, 10.4510,
14.3470

■ 0.0000, 0.0000,
0.0000

■ 196.9610, 23.2400,
30.3760

■ 196.9610, 23.2400,
30.3760

■ 182.3030, 31.4450,
41.3730

■ 211.6190, 15.0350,
19.3790

■ 167.5310, 39.9710,
52.0590

■ 226.3910, 6.5090,
8.6930

■ 153.4600, 47.9010,
62.5330

■ 240.4620, -1.4210,
-1.7810

■ 138.8020, 56.1060,
73.5300

■ 248.6630, -6.6010,
-7.0250

■ 124.0300, 64.6320,
84.2160

■ 249.3470, -8.5270,
-5.1590

■ 109.3720, 72.8370,
95.2130

■ 249.9170,
-10.1320, -3.6040

■ 94.7140, 81.0420,
106.2100

■ 92.2520, 82.4630,
107.9910

Harmonies

Analogous

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



195.3190, -10.1830, 24.8650



196.9610, 23.2400, 30.3760



195.2330, 45.6610, 26.0210

Triad

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



196.9610, 23.2400, 30.3760



189.3420, 33.4270, -16.5970



170.2030, -87.7510, -23.1350

Complementary

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



196.9610, 23.2400, 30.3760



212.0390, -23.2400, -30.3760

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.



173.9050, -63.7250, -29.0450



196.9610, 23.2400, 30.3760



185.5880, 6.0110, -26.3490

Square

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



196.9610, 23.2400, 30.3760



191.8810, 51.4430, -1.6850



180.7010, -28.1000, -30.4040



178.0770, -77.9880, -7.3320

Rectangle

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



196.9610, 23.2400, 30.3760



193.8990, 52.1730, 18.1330



180.7010, -28.1000, -30.4040



170.4330, -82.7070, -26.4430

Sweetspot

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



196.9610, 23.2400, 30.3760



242.6900, 7.1050, 8.9050



183.1230, -12.5670, 24.0170



120.0270, 4.5380, 5.8660



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.



196.9610, 23.2400, 30.3760



201.7650, 30.0240, 39.5920



193.1990, 33.8330, 20.1130



112.6140, 4.2630, 5.3430



71.2040, 64.0820, 83.1700



21.7600, 19.2520, 25.5560

Inverse Universe

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



196.9610, 23.2400, 30.3760



201.7650, 30.0240, 39.5920



215.8010, -33.8330, -20.1130



112.6140, 4.2630, 5.3430



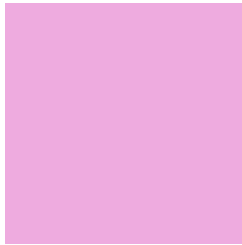
71.2040, 64.0820, 83.1700



21.7600, 19.2520, 25.5560

Previews

White Background



This preview shows how the YIQ color 196.9610, 23.2400, 30.3760 looks on a white background.

Color Contrast Check

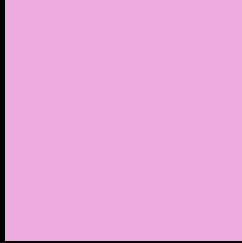
Large Text (above 18pt) WCAG AA × Fail

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 196.9610, 23.2400, 30.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

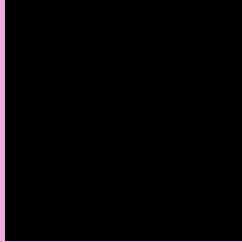
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.9610, 23.2400, 30.3760

Background



This preview shows how black text looks on a background with the YIQ color 196.9610, 23.2400, 30.3760.



This preview shows how white text looks on a background with the YIQ color 196.9610, 23.2400,

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

196.9610, 23.2400, 30.3760

Protanopia

192.8520, -19.5340, 12.6100

Deuteranopia

194.0510, -4.0370, 12.5950



Tritanopia

195.6390, 29.4780, 16.4380

Trichromacy



Original Color

196.9610, 23.2400, 30.3760



Protanomaly

194.1530, -4.0840, 18.9560



Deuteranomaly

195.1280, 6.2320, 19.2240



Tritanomaly

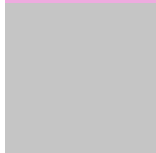
196.1320, 26.7720, 21.4280

Monochromacy



Original Color

196.9610, 23.2400, 30.3760



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9610, 23.2400, 30.3760 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, 171, 223)` looks like.

```
.text, #text, p{  
    color:rgb(238, 171, 223)  
}
```

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, 171, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 171, 223) }
```

Border

The CSS property to change the border of an element to YIQ 196.9610, 23.2400, 30.3760 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, 171, 223) }
```


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

```
.border{ border-color:rgb(238, 171, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 171, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 171, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 171, 223); box-shadow:4px 4px 4px 4px rgb(238, 171, 223) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9610, 23.2400, 30.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 171, 223) }
```

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

```
.background{ background-color: rgb(238,  
171, 223) }
```

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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