

Converting Colors

YIQ(202.9730, 22.9660, 24.3260)

Have a look what the booklet for
YIQ(202.9730, 22.9660, 24.3260)
contains.

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Color

**YIQ(202.9730, 22.9660,
24.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B5DB
RGB	240, 181, 219
RGB Percent	94%, 71%, 86%
CMY	0.0587, 0.2903, 0.1411
CMYK	0.00, 0.25, 0.09, 0.06
HSL	321°, 66%, 83%
HSV	321°, 25%, 94%
XYZ	65.2565, 56.6856, 74.5307
YIQ	202.9730, 22.9660, 24.3260

Conversions

Conversions Part 2

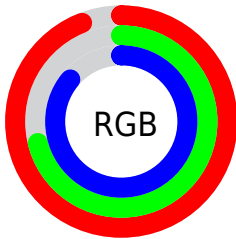
Format	Color
R _Y B	240, 181, 219
Decimal	15775195
CIE Lab	80.00, 27.29, -10.74
CIE LCh	80, 29.328, 338.520
Yxy	56.6856, 0.3321, 0.2885
Android (android.graphics.Color)	4293965275 (0xFFFF0B5DB)
YUV	202.9730, 7.9013, 32.4727
Hunter-Lab	75.2898, 22.9554, -5.9893

Details

The YIQ color **202.9730, 22.9660, 24.3260** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **218.0270, -22.9660, -24.3260**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **148.5490, 21.2240, 22.8560** is the 20% darker color. If you saturate the color by 10%, you get **187.8590, 32.4550, 34.0790**, and if you desaturate by 10%, it is **218.0870, 13.4770, 14.5730**.

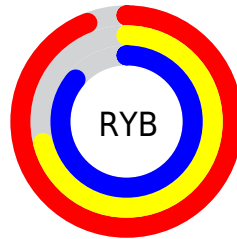
Distribution



Red (94%)

Green (71%)

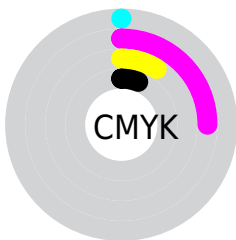
Blue (86%)



Red (94%)

Yellow (71%)

Blue (86%)

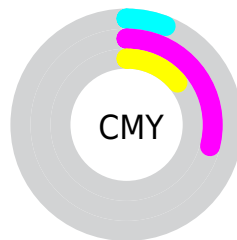


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (6%)



Cyan (6%)


Magenta (29%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.9730, 22.9660, 24.3260 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 202.9730, 22.9660, 24.3260 by changing the saturation by 10% instead.


 202.9730, 22.9660,
24.3260


 202.9730, 22.9660,
24.3260


255.0000, -0.0000,
-0.0000


 175.2610, 22.0950,
23.5910


 244.4340, 4.9500,
9.4140

 148.5490, 21.2240,
22.8560

 122.2500, 20.6280,
22.6440

 96.5380, 19.7570,
21.9090

 72.8260, 18.8860,
21.1740

 49.1140, 18.0150,
20.4390

 25.3420, 17.3730,

21.0610

■ 13.3860, 14.0730,
14.7850

■ 0.0000, 0.0000,
0.0000

■ 202.9730, 22.9660,
24.3260

■ 202.9730, 22.9660,
24.3260

■ 187.8590, 32.4550,
34.0790

■ 218.0870, 13.4770,
14.5730

■ 172.8590, 41.6230,
44.1430

■ 233.0870, 4.3090,
4.5090

■ 157.7450, 51.1120,
53.8960

■ 248.2010, -5.1800,
-5.2440

■ 142.7450, 60.2800,
63.9600

■ 250.2870, -8.2980,
-3.8020

■ 127.6310, 69.7690,
73.7130

■ 250.5150, -8.9400,
-3.1800

■ 112.6310, 78.9370,
83.7770

■ 97.5170, 88.4260,
93.5300

■ 89.4300, 93.2850,
99.0850

Harmonies

Analogous

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



201.8050, -2.9840, 21.0480



202.9730, 22.9660, 24.3260



201.9070, 40.5270, 19.9430

Triad

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



202.9730, 22.9660, 24.3260



196.0190, 24.2110, -14.7730



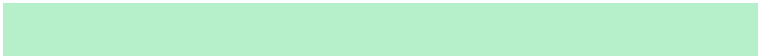
185.7610, -62.7190, -14.2310

Complementary

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



202.9730, 22.9660, 24.3260



218.0270, -22.9660, -24.3260

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.



186.0640, -50.7510, -21.8790



202.9730, 22.9660, 24.3260



192.9990, 0.6000, -21.8960

Square

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



202.9730, 22.9660, 24.3260



198.9660, 40.8980, -3.3100



189.1730, -26.3130, -24.2410



191.1570, -54.6060, -1.5660

Rectangle

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



202.9730, 22.9660, 24.3260



201.1430, 45.4340, 13.6100



189.1730, -26.3130, -24.2410



185.1370, -61.0220, -17.4540

Sweetspot

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



202.9730, 22.9660, 24.3260



243.7500, 6.8760, 7.5480



194.0050, -6.4230, 22.8010



121.0870, 4.3090, 4.5090



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.



202.9730, 22.9660, 24.3260



207.3100, 29.5670, 31.3510



199.6670, 32.2750, 15.3070



112.5000, 4.5840, 5.0320



68.4680, 71.7860, 75.7060



20.8480, 21.8200, 23.0680

Inverse Universe

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



202.9730, 22.9660, 24.3260



207.3100, 29.5670, 31.3510



221.3330, -32.2750, -15.3070



112.5000, 4.5840, 5.0320



68.4680, 71.7860, 75.7060



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 202.9730, 22.9660, 24.3260 looks on a white background.

Color Contrast Check

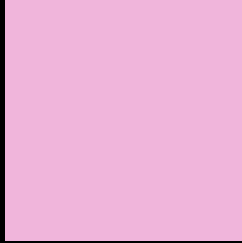
Large Text (above 18pt) WCAG AA × Fail

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 202.9730, 22.9660, 24.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

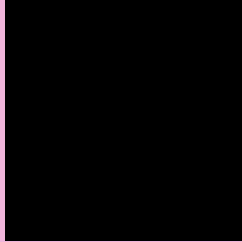
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.9730, 22.9660, 24.3260

Background



This preview shows how black text looks on a background with the YIQ color 202.9730, 22.9660, 24.3260.



This preview shows how white text looks on a background with the YIQ color 202.9730, 22.9660,

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

202.9730, 22.9660, 24.3260

Protanopia

199.4520, -12.6560, 9.1040

Deuteranopia

200.8190, 2.4280, 11.0680



Tritanopia

202.1440, 26.4980, 15.3780

Trichromacy



Original Color

202.9730, 22.9660, 24.3260



Protanomaly

200.5570, 0.4100, 14.6020



Deuteranomaly

201.8740, 9.7630, 15.8030



Tritanomaly

202.6540, 25.1220, 18.2900

Monochromacy



Original Color

202.9730, 22.9660, 24.3260



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

202.8750, 8.0220, 8.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9730, 22.9660, 24.3260 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(240, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 181, 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(240, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 181, 219) }
```

Border

The CSS property to change the border of an element to YIQ 202.9730, 22.9660, 24.3260 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(240, 181, 219) }
```


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

```
.border{ border-color:rgb(240, 181, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 181,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9730, 22.9660, 24.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 181, 219) }
```

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

```
.background{ background-color: rgb(240,  
181, 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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