

Converting Colors

YIQ(204.5350, 6.6440, 22.7720)

Have a look what the booklet for
YIQ(204.5350, 6.6440, 22.7720)
contains.

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Color

**YIQ(204.5350, 6.6440,
22.7720)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E1BCEC |
| RGB | 225, 188, 236 |
| RGB Percent | 88%, 74%, 93% |
| CMY | 0.1175, 0.2628, 0.0745 |
| CMYK | 0.05, 0.20, 0.00, 0.07 |
| HSL | 286°, 56%, 83% |
| HSV | 286°, 20%, 93% |
| XYZ | 64.1806, 58.0282, 87.1727 |
| YIQ | 204.5350, 6.6440, 22.7720 |

Conversions

Conversions Part 2

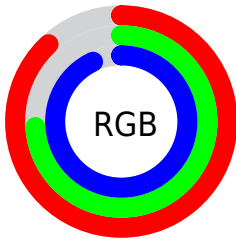
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 188, 236 |
| Decimal | 14793964 |
| CIE Lab | 80.75, 21.61, -18.89 |
| CIE LCh | 81, 28.705, 318.841 |
| Yxy | 58.0282, 0.3065, 0.2771 |
| Android (android.graphics.Color) | 4292984044 (0xFFE1BCEC) |
| YUV | 204.5350, 15.5122, 17.9478 |
| Hunter-Lab | 76.1762, 17.0827, -14.5254 |

Details

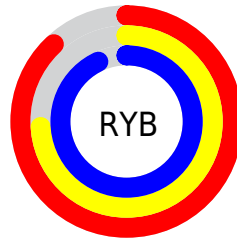
The YIQ color $204.5350, 6.6440, 22.7720$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $219.4650, -6.6440, -22.7720$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $150.2960, 5.8190, 21.2030$ is the 20% darker color. If you saturate the color by 10%, you get $188.9520, 10.2640, 34.2640$, and if you desaturate by 10%, it is $220.1180, 3.0240, 11.2800$.

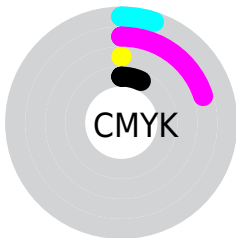
Distribution



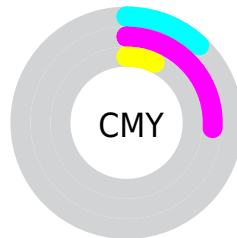
- Red (88%)
- Green (74%)
- Blue (93%)



- Red (88%)
- Yellow (74%)
- Blue (93%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (26%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5350, 6.6440, 22.7720 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 204.5350, 6.6440, 22.7720 by changing the saturation by 10% instead.

204.5350, 6.6440,
22.7720

204.5350, 6.6440,
22.7720

255.0000, -0.0000,
-0.0000

177.1220, 6.3690,
22.2490

248.5430, 3.0250,
5.7530

150.2960, 5.8190,
21.2030

124.1820, 6.1400,
20.8920

98.7690, 5.8650,
20.3690

74.9430, 5.3150,
19.3230

51.5300, 5.0400,
18.8000

29.7040, 4.4900,

17.7540

■ 11.9490, 5.1780,
16.2980

■ 0.7980, -2.2470,
2.1770

■ 204.5350, 6.6440,
22.7720

■ 204.5350, 6.6440,
22.7720

■ 188.9520, 10.2640,
34.2640

■ 220.1180, 3.0240,
11.2800

■ 173.6570, 13.0130,
45.0210

■ 235.4130, 0.2750,
0.5230

■ 158.0740, 16.6330,
56.5130

■ 248.6480, -2.2450,
-8.8770

■ 142.7790, 19.3820,
67.2700

■ 250.4420, 1.3310,
-7.6050

■ 127.1960, 23.0020,
78.7620

■ 251.9370, 4.3110,
-6.5450

■ 111.6130, 26.6220,
90.2540

■ 252.8340, 6.0990,
-5.9090

■ 96.3180, 29.3710,
101.0110

■ 81.3220, 32.7160,
111.9800

Harmonies

Analogous

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



201.3620, -20.9100, 15.5220



204.5350, 6.6440, 22.7720



205.1540, 29.7060, 23.3220

Triad

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



204.5350, 6.6440, 22.7720



199.8080, 35.3510, -7.4090



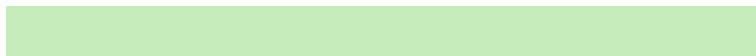
187.7200, -55.4740, -18.8820

Complementary

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



204.5350, 6.6440, 22.7720



219.4650, -6.6440, -22.7720

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.



190.2090, -35.1620, -23.5620



204.5350, 6.6440, 22.7720



197.4310, 17.0590, -17.3170

Square

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



204.5350, 6.6440, 22.7720



202.2750, 44.7020, 4.8460



193.9810, -8.1570, -22.8850



189.4780, -60.2440, -9.5240

Rectangle

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



204.5350, 6.6440, 22.7720



204.1950, 39.6560, 19.2080



193.9810, -8.1570, -22.8850



188.7760, -49.8800, -21.1440

Sweetspot

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



204.5350, 6.6440, 22.7720



245.2980, 2.3370, 7.2090



199.9290, -18.4330, 9.1750



121.8200, 0.6870, 4.0710



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.



204.5350, 6.6440, 22.7720



215.0070, 8.4310, 28.9350



206.3420, 17.3730, 21.0610



109.9450, 1.8330, 5.3290



62.4940, 25.3390, 85.9710



18.4150, 7.1020, 25.4860

Inverse Universe

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



203.6060, 25.0770, 13.5970



213.8350, 31.8620, 17.2860



217.6580, -17.3730, -21.0610



109.5170, 5.9140, 2.9540



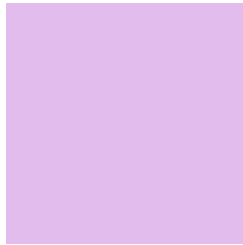
58.7930, 94.7150, 51.1230



17.5140, 28.3320, 15.1800

Previews

White Background



This preview shows how the YIQ color 204.5350, 6.6440, 22.7720 looks on a white background.

Color Contrast Check

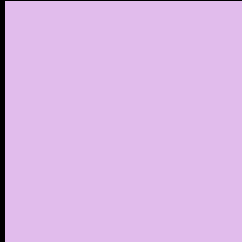
Large Text (above 18pt) WCAG AA × Fail

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 204.5350, 6.6440, 22.7720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

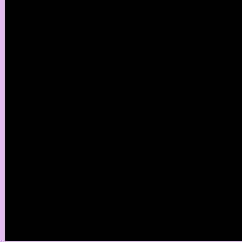
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.5350, 6.6440, 22.7720

Background



This preview shows how black text looks on a background with the YIQ color 204.5350, 6.6440, 22.7720.



This preview shows how white text looks on a background with the YIQ color 204.5350, 6.6440,

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

204.5350, 6.6440, 22.7720

Protanopia

201.6240, -18.8920, 11.9880

Deuteranopia

202.7240, -7.4300, 13.5140



Tritanopia

203.0820, 11.8730, 10.6010

Trichromacy



Original Color

204.5350, 6.6440, 22.7720

Protanomaly

202.5220, -9.6770, 15.6910

Deuteranomaly

203.4690, -2.1580, 17.0900

Tritanomaly

203.3470, 9.8090, 14.9690

Monochromacy



Original Color

204.5350, 6.6440, 22.7720

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8250, 2.2910, 8.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5350, 6.6440, 22.7720 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(225, 188, 236)` looks like.

```
.text, #text, p{  
    color:rgb(225, 188, 236)  
}
```

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(225, 188, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 236) }
```

Border

The CSS property to change the border of an element to YIQ 204.5350, 6.6440, 22.7720 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(225, 188, 236) }
```


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

```
.border{ border-color:rgb(225, 188, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 188, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 188, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 188, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 188,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5350, 6.6440, 22.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 188, 236) }
```

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

```
.background{ background-color: rgb(225,  
188, 236) }
```

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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