

Converting Colors

YIQ(192.7870, 6.5950, 40.1870)

Have a look what the booklet for
YIQ(192.7870, 6.5950, 40.1870)
contains.

YIQ(192.7870, 6.5950, 40.1870)	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(192.7870, 6.5950,
40.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A5FE
RGB	224, 165, 254
RGB Percent	88%, 65%, 100%
CMY	0.1214, 0.3530, 0.0040
CMYK	0.12, 0.35, 0.00, 0.00
HSL	280°, 98%, 82%
HSV	280°, 35%, 100%
XYZ	62.0943, 49.9117, 100.1180
YIQ	192.7870, 6.5950, 40.1870

Conversions

Conversions Part 2

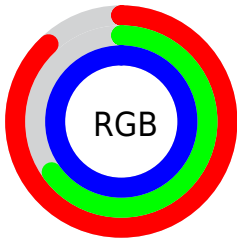
Format	Color
R _Y B	224, 165, 254
Decimal	14722558
CIE Lab	76.02, 37.23, -35.84
CIE LCh	76, 51.678, 316.097
Yxy	49.9117, 0.2927, 0.2353
Android (android.graphics.Color)	4292912638 (0xFFE0A5FE)
YUV	192.7870, 30.1780, 27.3738
Hunter-Lab	70.6482, 33.2532, -34.5681

Details

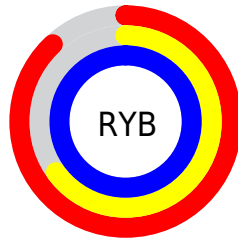
The YIQ color $192.7870, 6.5950, 40.1870$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $226.2130, -6.5950, -40.1870$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $235.0420, 9.3500, 17.7820$, and $138.4340, 6.0910, 38.3070$ is the 20% darker color. If you saturate the color by 10%, you get $175.7200, 8.7020, 51.5660$, and if you desaturate by 10%, it is $210.1530, 5.0840, 29.0200$.

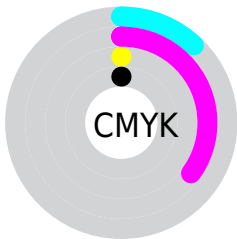
Distribution



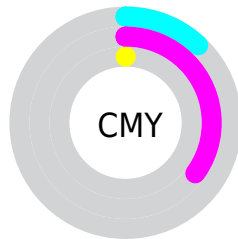
- Red (88%)
- Green (65%)
- Blue (100%)



- Red (88%)
- Yellow (65%)
- Blue (100%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.7870, 6.5950, 40.1870 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 192.7870, 6.5950, 40.1870 by changing the saturation by 10% instead.

192.7870, 6.5950,
40.1870

192.7870, 6.5950,
40.1870

255.0000, -0.0000,
-0.0000

165.2600, 6.6410,
39.3530

235.0420, 9.3500,
17.7820

138.4340, 6.0910,
38.3070

251.4780, 1.6500,
3.1380

112.1950, 5.2660,
36.7380

86.7820, 4.9910,
36.2150

61.9560, 4.4410,
35.1690

36.9560, 4.4410,
35.1690

19.1140, 0.8200,

29.2040

■ 8.7180, -7.2930,
16.5390

■ 3.2090, -7.6580,
6.6300

■ 192.7870, 6.5950,
40.1870

■ 192.7870, 6.5950,
40.1870

■ 175.7200, 8.7020,
51.5660

■ 210.1530, 5.0840,
29.0200

■ 157.7670, 10.4880,
63.2560

■ 227.8070, 2.7020,
17.1180

■ 140.4010, 11.9990,
74.4230

■ 245.1730, 1.1910,
5.9510

■ 122.7470, 14.3810,
86.3250

■ 254.8860, 0.3210,
-0.3110

■ 105.3810, 15.8920,
97.4920

■ 88.3140, 17.9990,
108.8710

■ 79.4870, 19.1900,
114.8220

Harmonies

Analogous

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



182.8360, -39.8000, 16.4560



192.7870, 6.5950, 40.1870



189.0500, 42.4030, 41.0190

Triad

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



192.7870, 6.5950, 40.1870



184.8800, 61.2110, -13.5170



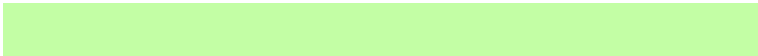
148.6120, -126.3520, -44.9440

Complementary

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



192.7870, 6.5950, 40.1870



226.2130, -6.5950, -40.1870

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.



159.7920, -74.3130, -46.4170



192.7870, 6.5950, 40.1870



180.8880, 31.2290, -31.8350

Square

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



192.7870, 6.5950, 40.1870



183.9590, 69.1390, 8.0110



174.2770, -12.6470, -40.6390



151.1660, -139.0550, -29.4790

Rectangle

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



192.7870, 6.5950, 40.1870



183.5270, 53.8210, 32.3250



174.2770, -12.6470, -40.6390



146.7880, -121.2160, -49.9200

Sweetspot

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



192.7870, 6.5950, 40.1870



235.8730, 2.3360, 12.7360



193.3430, -37.0940, 11.4660



116.2270, 1.0990, 7.6190



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.



192.7870, 6.5950, 40.1870



181.4270, 7.9690, 48.3290



200.2750, 28.6480, 42.5040



118.8740, 0.5950, 5.7390



59.7470, 14.3810, 86.3250



19.8540, 4.4880, 28.8080

Inverse Universe

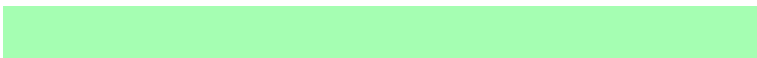
The Inverse Universe completely reimagines the original color for something new.



195.0310, 43.4140, 28.1980



184.0970, 52.2160, 33.8800



218.7250, -28.6480, -42.5040



119.3430, 6.4640, 4.0000



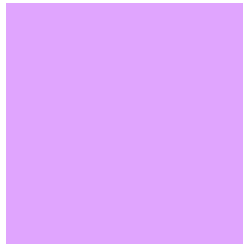
64.4050, 93.2920, 60.3960



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 192.7870, 6.5950, 40.1870 looks on a white background.

Color Contrast Check

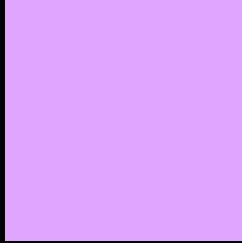
Large Text (above 18pt) WCAG AA × Fail

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 192.7870, 6.5950, 40.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

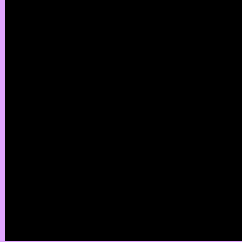
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.7870, 6.5950, 40.1870

Background



This preview shows how black text looks on a background with the YIQ color 192.7870, 6.5950, 40.1870.



This preview shows how white text looks on a background with the YIQ color 192.7870, 6.5950,

40.1870.

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

192.7870, 6.5950, 40.1870

Protanopia

187.5980, -33.1980, 17.9540

Deuteranopia

188.2240, -29.2090, 17.2470



Tritanopia

190.3600, 16.9620, 11.9860

Trichromacy



Original Color

192.7870, 6.5950, 40.1870



Protanomaly

189.7680, -18.7570, 26.0670



Deuteranomaly

189.9100, -16.2810, 25.2470

Tritanomaly

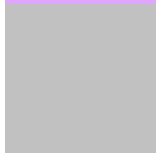
191.2430, 13.3380, 22.6020

Monochromacy



Original Color

192.7870, 6.5950, 40.1870



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.9270, 2.2440, 14.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.7870, 6.5950, 40.1870 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(224, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(224, 165, 254)  
}
```

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(224, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 165, 254) }
```

Border

The CSS property to change the border of an element to YIQ 192.7870, 6.5950, 40.1870 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(224, 165, 254) }
```


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

```
.border{ border-color:rgb(224, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(224, 165,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 192.7870, 6.5950, 40.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 165, 254) }
```

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

```
.background{ background-color: rgb(224,  
165, 254) }
```

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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