

Converting Colors

YIQ(220.1170, 4.7650, 18.2770)

Have a look what the booklet for
YIQ(220.1170, 4.7650, 18.2770)
contains.

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Color

**YIQ(220.1170, 4.7650,
18.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCFF6
RGB	236, 207, 246
RGB Percent	93%, 81%, 96%
CMY	0.0744, 0.1883, 0.0353
CMYK	0.04, 0.16, 0.00, 0.04
HSL	285°, 68%, 89%
HSV	285°, 16%, 96%
XYZ	73.5440, 69.1104, 96.6499
YIQ	220.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

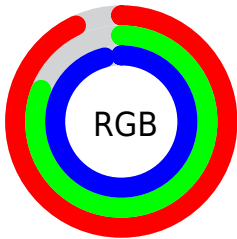
Format	Color
R _Y B	236, 207, 246
Decimal	15519734
CIE Lab	86.56, 16.97, -15.39
CIE LCh	87, 22.902, 317.796
Yxy	69.1104, 0.3073, 0.2888
Android (android.graphics.Color)	4293709814 (0xFFECCFF6)
YUV	220.1170, 12.7603, 13.9294
Hunter-Lab	83.1326, 12.4293, -10.7376

Details

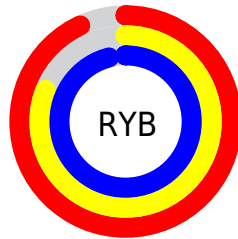
The YIQ color $220.1170, 4.7650, 18.2770$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $232.8830, -4.7650, -18.2770$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.2910, 4.2150, 17.2310$ is the 20% darker color. If you saturate the color by 10%, you get $203.6480, 8.0640, 30.0800$, and if you desaturate by 10%, it is $236.5860, 1.4660, 6.4740$.

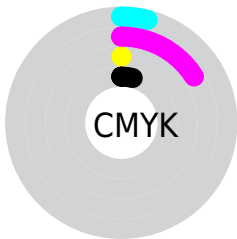
Distribution



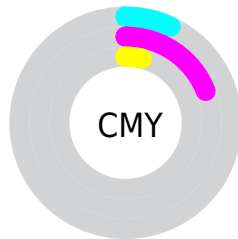
- Red (93%)
- Green (81%)
- Blue (96%)



- Red (93%)
- Yellow (81%)
- Blue (96%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.1170, 4.7650, 18.2770 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 220.1170, 4.7650, 18.2770 by changing the saturation by 10% instead.

220.1170, 4.7650,
18.2770

220.1170, 4.7650,
18.2770

255.0000, -0.0000,
-0.0000

192.0030, 5.0860,
17.9660

165.2910, 4.2150,
17.2310

138.8780, 3.9400,
16.7080

112.7640, 4.2610,
16.3970

88.3510, 3.9860,
15.8740

64.5250, 3.4360,
14.8280

42.6990, 2.8860,

13.7820

■ 21.2860, 2.6110,
13.2590

■ 2.2800, -6.4200,
6.2200

■ 220.1170, 4.7650,
18.2770

■ 220.1170, 4.7650,
18.2770

■ 203.6480, 8.0640,
30.0800

■ 236.5860, 1.4660,
6.4740

■ 187.4670, 10.4920,
41.1480

■ 252.1800, -0.6870,
-4.0710

■ 170.9980, 13.7910,
52.9510

■ 253.9740, 2.8890,
-2.7990

■ 155.1160, 16.8150,
64.2310

■ 138.6470, 20.1140,
76.0340

■ 121.8790, 22.8170,
87.6250

■ 105.9970, 25.8410,
98.9050

■ 89.5280, 29.1400,
110.7080

■ 82.7610, 30.1020,
115.3020

Harmonies

Analogous

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



217.1790, -16.1410, 11.6910



220.1170, 4.7650, 18.2770



220.5830, 23.8840, 18.7000

Triad

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



220.1170, 4.7650, 18.2770



216.7520, 29.7570, -5.1470



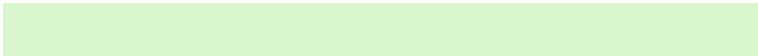
208.0700, -41.7200, -14.8400

Complementary

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



220.1170, 4.7650, 18.2770



232.8830, -4.7650, -18.2770

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.



209.4490, -26.9100, -18.9260



220.1170, 4.7650, 18.2770



214.2830, 14.7200, -13.4720

Square

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



220.1170, 4.7650, 18.2770



218.2570, 35.9450, 3.8570



211.6980, -5.6820, -18.1780



209.6600, -46.0770, -7.4610

Rectangle

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



220.1170, 4.7650, 18.2770



218.4000, 28.6530, 14.8690



211.6980, -5.6820, -18.1780



208.1690, -37.6850, -16.3810

Sweetspot

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



220.1170, 4.7650, 18.2770



246.4720, 1.7870, 6.1630



217.3160, -15.2690, 6.8990



122.7060, 1.0080, 3.7600



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.



220.1170, 4.7650, 18.2770



223.2360, 6.0480, 22.5600



222.0810, 13.6140, 17.5980



114.0590, 1.5120, 5.6400



62.7650, 23.1380, 87.3140



19.8820, 7.2850, 27.6770

Inverse Universe

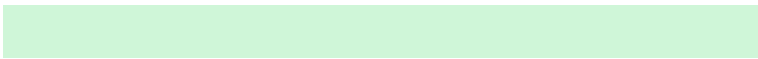
The Inverse Universe completely reimagines the original color for something new.



219.8010, 20.0340, 11.3780



222.7200, 24.7560, 13.9080



230.9190, -13.6140, -17.5980



113.9300, 6.1890, 3.4770



61.0860, 95.4480, 54.3600



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 220.1170, 4.7650, 18.2770 looks on a white background.

Color Contrast Check

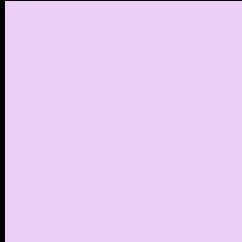
Large Text (above 18pt) WCAG AA × Fail

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 220.1170, 4.7650, 18.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

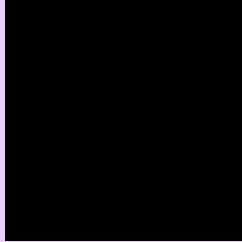
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.1170, 4.7650, 18.2770

Background



This preview shows how black text looks on a background with the YIQ color 220.1170, 4.7650, 18.2770.



This preview shows how white text looks on a background with the YIQ color 220.1170, 4.7650,

18.2770.

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

220.1170, 4.7650, 18.2770

Protanopia

217.6090, -14.5360, 10.1360

Deuteranopia

218.7630, -3.1660, 13.3300



Tritanopia

218.8150, 8.2510, 10.1630

Trichromacy



Original Color

220.1170, 4.7650, 18.2770

Protanomaly

218.3110, -7.7050, 12.9910

Deuteranomaly

219.3720, -0.5070, 14.7010

Tritanomaly

219.3250, 6.8750, 13.0750

Monochromacy



Original Color

220.1170, 4.7650, 18.2770

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.1170, 4.7650, 18.2770 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, 207, 246)` looks like.

```
.text, #text, p{  
    color:rgb(236, 207, 246)  
}
```

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, 207, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 207, 246) }
```

Border

The CSS property to change the border of an element to YIQ 220.1170, 4.7650, 18.2770 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, 207, 246) }
```


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

```
.border{ border-color:rgb(236, 207, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 207, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 207, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 207, 246);  
box-shadow:4px 4px 4px 4px rgb(236, 207,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 220.1170, 4.7650, 18.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 207, 246) }
```

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

```
.background{ background-color: rgb(236,  
207, 246) }
```

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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