

Converting Colors

YIQ(224.3620, 5.4530, 16.8210)

Have a look what the booklet for
YIQ(224.3620, 5.4530, 16.8210)
contains.

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Color

**YIQ(224.3620, 5.4530,
16.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D4F7
RGB	240, 212, 247
RGB Percent	94%, 83%, 97%
CMY	0.0587, 0.1687, 0.0314
CMYK	0.03, 0.14, 0.00, 0.03
HSL	288°, 69%, 90%
HSV	288°, 14%, 97%
XYZ	76.2717, 72.3257, 97.9349
YIQ	224.3620, 5.4530, 16.8210

Conversions

Conversions Part 2

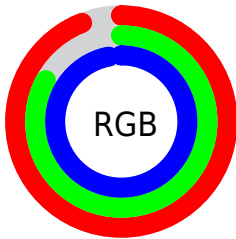
Format	Color
RYB	240, 212, 247
Decimal	15783159
CIELab	88.13, 15.82, -13.53
CIELCh	88, 20.818, 319.455
Yxy	72.3257, 0.3094, 0.2934
Android (android.graphics.Color)	4293973239 (0xFFFF0D4F7)
YUV	224.3620, 11.1605, 13.7145
Hunter-Lab	85.0445, 11.2589, -8.7456

Details

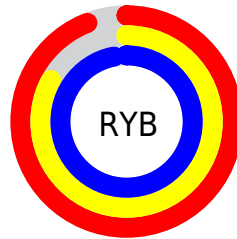
The YIQ color $224.3620, 5.4530, 16.8210$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $234.6380, -5.4530, -16.8210$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.9490, 5.1780, 16.2980$ is the 20% darker color. If you saturate the color by 10%, you get $208.1920, 9.3480, 28.8360$, and if you desaturate by 10%, it is $240.5320, 1.5580, 4.8060$.

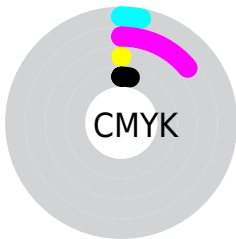
Distribution



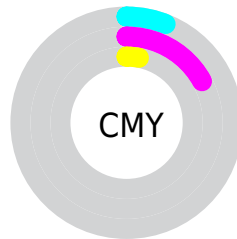
- Red (94%)
- Green (83%)
- Blue (97%)



- Red (94%)
- Yellow (83%)
- Blue (97%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.3620, 5.4530, 16.8210 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 224.3620, 5.4530, 16.8210 by changing the saturation by 10% instead.

224.3620, 5.4530,
16.8210

224.3620, 5.4530,
16.8210

255.0000, -0.0000,
-0.0000

196.2480, 5.7740,
16.5100

168.9490, 5.1780,
16.2980

142.5360, 4.9030,
15.7750

117.0090, 4.9490,
14.9410

92.2970, 4.0780,
14.2060

68.1830, 4.3990,
13.8950

45.7700, 4.1240,

13.3720

■ 24.6450, 2.9780,
12.1140

■ 4.7860, -1.9730,
8.2270

■ 224.3620, 5.4530,
16.8210

■ 224.3620, 5.4530,
16.8210

■ 208.1920, 9.3480,
28.8360

■ 240.5320, 1.5580,
4.8060

■ 192.6090, 12.9680,
40.3280

■ 252.5930, -0.4120,
-3.5480

■ 176.4390, 16.8630,
52.3430

■ 254.0880, 2.5680,
-2.4880

■ 160.2690, 20.7580,
64.3580

■ 144.0990, 24.6530,
76.3730

■ 128.5160, 28.2730,
87.8650

■ 112.6450, 32.7640,
100.0920

■ 96.4750, 36.6590,
112.1070

■ 87.3600, 38.7210,
118.7930

Harmonies

Analogous

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



221.6200, -13.0690, 11.0830



224.3620, 5.4530, 16.8210



224.4470, 21.2710, 16.4950

Triad

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



224.3620, 5.4530, 16.8210



220.8980, 26.4100, -5.0620



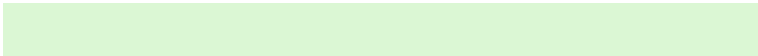
213.2770, -37.8690, -13.0450

Complementary

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



224.3620, 5.4530, 16.8210



234.6380, -5.4530, -16.8210

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.



214.2860, -24.8930, -16.9330



224.3620, 5.4530, 16.8210



219.1410, 12.2440, -12.6520

Square

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



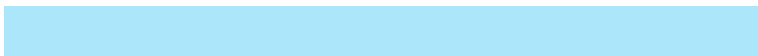
224.3620, 5.4530, 16.8210



221.9900, 32.3230, 3.4190



216.4530, -6.3700, -16.7220



214.9380, -40.9880, -6.0760

Rectangle

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



224.3620, 5.4530, 16.8210



222.2640, 26.0400, 12.6640



216.4530, -6.3700, -16.7220



213.7780, -35.0260, -15.0100

Sweetspot

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



224.3620, 5.4530, 16.8210



248.5320, 1.5580, 4.8060



220.0990, -13.1600, 7.2240



123.2930, 0.7330, 3.2370



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.



224.3620, 5.4530, 16.8210



227.0680, 6.4610, 20.5810



225.2010, 13.1560, 14.8840



114.3580, 2.1080, 5.8520



65.7550, 29.0980, 89.4340



20.7790, 9.0730, 28.3130

Inverse Universe

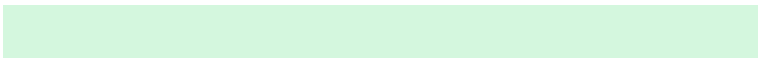
The Inverse Universe completely reimagines the original color for something new.



223.2630, 18.6130, 9.5970



225.7690, 23.0600, 11.6040



233.6850, -12.8350, -15.1950



113.9300, 6.1890, 3.4770



59.8320, 98.9790, 50.9390



19.0090, 31.3120, 16.2400

Previews

White Background



This preview shows how the YIQ color 224.3620, 5.4530, 16.8210 looks on a white background.

Color Contrast Check

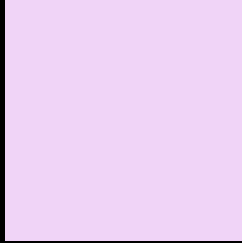
Large Text (above 18pt) WCAG AA × Fail

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 224.3620, 5.4530, 16.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

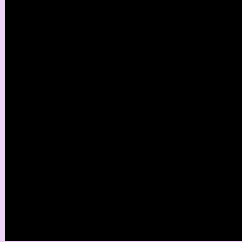
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.3620, 5.4530, 16.8210

Background



This preview shows how black text looks on a background with the YIQ color 224.3620, 5.4530, 16.8210.

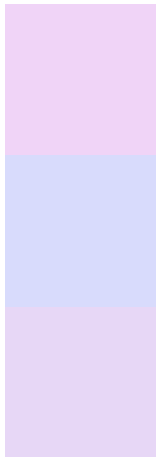


This preview shows how white text looks on a background with the YIQ color 224.3620, 5.4530,

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

224.3620, 5.4530, 16.8210

Protanopia

221.8650, -12.3810, 9.6270

Deuteranopia

223.3180, -0.4150, 13.0330



Tritanopia

223.7010, 8.5720, 9.8520

Trichromacy



Original Color

224.3620, 5.4530, 16.8210

Protanomaly

222.5670, -5.5500, 12.4820

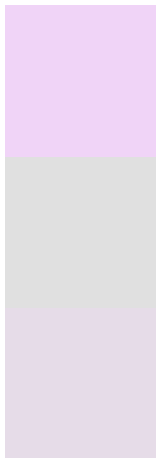
Deuteranomaly

223.6280, 1.6480, 14.1920

Tritanomaly

224.0970, 7.5170, 12.4530

Monochromacy



Original Color

224.3620, 5.4530, 16.8210

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.3580, 2.1080, 5.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.3620, 5.4530, 16.8210 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, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 247)  
}
```

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, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 247) }
```

Border

The CSS property to change the border of an element to YIQ 224.3620, 5.4530, 16.8210 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, 212, 247) }
```


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

```
.border{ border-color:rgb(240, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 224.3620, 5.4530, 16.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 247) }
```

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

```
.background{ background-color: rgb(240,  
212, 247) }
```

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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