

Converting Colors

YIQ(220.2550, 13.0640, 16.5520)

Have a look what the booklet for
YIQ(220.2550, 13.0640, 16.5520)
contains.

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Color

**YIQ(220.2550, 13.0640,
16.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CEEA
RGB	243, 206, 234
RGB Percent	95%, 81%, 92%
CMY	0.0469, 0.1922, 0.0823
CMYK	0.00, 0.15, 0.04, 0.05
HSL	315°, 61%, 88%
HSV	315°, 15%, 95%
XYZ	73.8914, 69.1356, 87.2977
YIQ	220.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

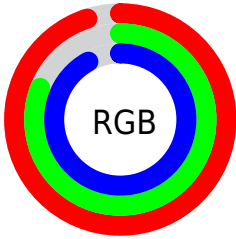
Format	Color
R_{YB}	243, 206, 234
Decimal	15978218
CIE _{Lab}	86.57, 17.63, -8.95
CIE _{LCh}	87, 19.776, 333.082
Yxy	69.1356, 0.3208, 0.3002
Android (android.graphics.Color)	4294168298 (0xFFFF3CEEA)
YUV	220.2550, 6.7763, 19.9474
Hunter-Lab	83.1478, 13.1199, -4.0457

Details

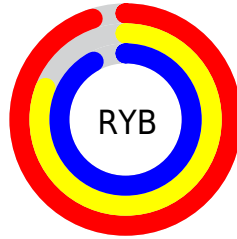
The YIQ color $220.2550, 13.0640, 16.5520$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $228.7450, -13.0640, -16.5520$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.4290, 12.5140, 15.5060$ is the 20% darker color. If you saturate the color by 10%, you get $205.4830, 21.5900, 27.2380$, and if you desaturate by 10%, it is $235.0270, 4.5380, 5.8660$.

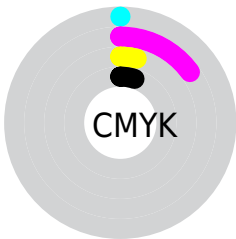
Distribution



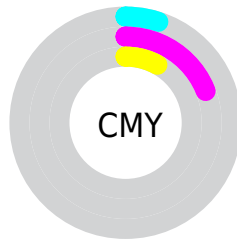
- Red (95%)
- Green (81%)
- Blue (92%)



- Red (95%)
- Yellow (81%)
- Blue (92%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.2550, 13.0640, 16.5520 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 220.2550, 13.0640, 16.5520 by changing the saturation by 10% instead.

220.2550, 13.0640,
16.5520

220.2550, 13.0640,
16.5520

255.0000, -0.0000,
-0.0000

191.9560, 12.4680,
16.3400

165.4290, 12.5140,
15.5060

138.8310, 11.3220,
15.0820

112.8310, 11.3220,
15.0820

88.4180, 11.0470,
14.5590

64.7060, 10.1760,
13.8240

42.2930, 9.9010,

13.3010

■ 20.6950, 8.7090,
12.8770

■ 2.1080, -0.1840,
3.3360

■ 220.2550, 13.0640,
16.5520

■ 220.2550, 13.0640,
16.5520

■ 205.4830, 21.5900,
27.2380

■ 235.0270, 4.5380,
5.8660

■ 190.1240, 30.3910,
38.4470

■ 250.3860, -4.2630,
-5.3430

■ 175.3520, 38.9170,
49.1330

■ 251.0700, -6.1890,
-3.4770

■ 160.5800, 47.4430,
59.8190

■ 251.4120, -7.1520,
-2.5440

■ 145.2210, 56.2440,
71.0280

■ 130.5630, 64.4490,
82.0250

■ 115.7910, 72.9750,
92.7110

■ 101.0190, 81.5010,
103.3970

■ 93.6330, 85.7640,
108.7400

Harmonies

Analogous

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



218.8060, -4.7250, 14.0510



220.2550, 13.0640, 16.5520



220.5030, 26.8650, 14.2330

Triad

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



220.2550, 13.0640, 16.5520



215.9680, 20.2210, -8.5390



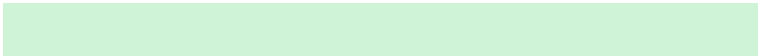
210.0860, -38.6490, -9.9210

Complementary

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



220.2550, 13.0640, 16.5520



228.7450, -13.0640, -16.5520

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.



210.1160, -30.1660, -14.9820



220.2550, 13.0640, 16.5520



213.8950, 4.1290, -14.2630

Square

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



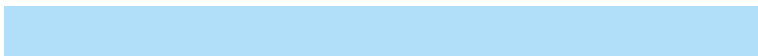
220.2550, 13.0640, 16.5520



217.8000, 29.8020, -0.4540



211.5600, -13.9810, -16.4530



212.2100, -35.7620, -1.6660

Rectangle

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



220.2550, 13.0640, 16.5520



219.1350, 30.7170, 10.5010



211.5600, -13.9810, -16.4530



209.5160, -37.0440, -11.4760

Sweetspot

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



220.2550, 13.0640, 16.5520



247.0270, 4.5380, 5.8660



212.9090, -6.5130, 13.4150



123.0760, 2.8420, 3.5620



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.



220.2550, 13.0640, 16.5520



226.7440, 16.1810, 20.6370



218.2030, 18.8420, 10.9540



114.6140, 4.2630, 5.3430



71.6880, 65.5950, 83.2830



22.6570, 21.0400, 26.1920

Inverse Universe

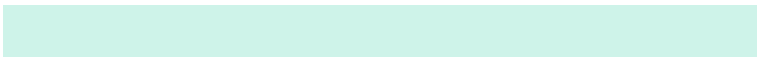
The Inverse Universe completely reimagines the original color for something new.



220.2550, 13.0640, 16.5520



226.7440, 16.1810, 20.6370



230.7970, -18.8420, -10.9540



114.6140, 4.2630, 5.3430



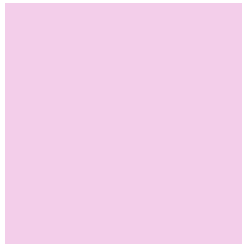
71.6880, 65.5950, 83.2830



22.6570, 21.0400, 26.1920

Previews

White Background



This preview shows how the YIQ color 220.2550, 13.0640, 16.5520 looks on a white background.

Color Contrast Check

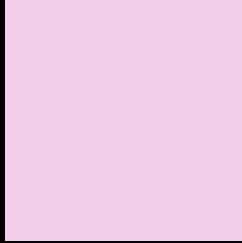
Large Text (above 18pt) WCAG AA × Fail

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 220.2550, 13.0640, 16.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

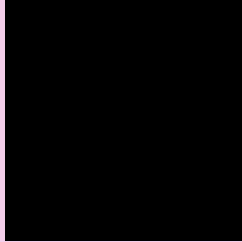
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.2550, 13.0640, 16.5520

Background



This preview shows how black text looks on a background with the YIQ color 220.2550, 13.0640, 16.5520.



This preview shows how white text looks on a background with the YIQ color 220.2550, 13.0640,

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

220.2550, 13.0640, 16.5520

Protanopia

217.5510, -8.6210, 7.5630

Deuteranopia

219.4880, 4.8580, 11.0820



Tritanopia

219.9900, 15.1280, 12.1840

Trichromacy



Original Color

220.2550, 13.0640, 16.5520

Protanomaly

218.8510, -0.5980, 10.8420

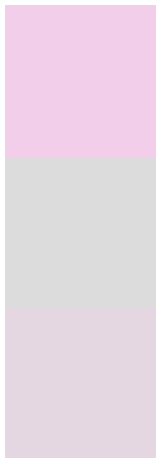
Deuteranomaly

219.5100, 7.7920, 12.9760

Tritanomaly

219.8590, 14.1190, 13.9510

Monochromacy



Original Color

220.2550, 13.0640, 16.5520

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.2550, 13.0640, 16.5520 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(243, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 234)  
}
```

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(243, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 234) }
```

Border

The CSS property to change the border of an element to YIQ 220.2550, 13.0640, 16.5520 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(243, 206, 234) }
```


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

```
.border{ border-color:rgb(243, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 220.2550, 13.0640, 16.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 234) }
```

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

```
.background{ background-color: rgb(243,  
206, 234) }
```

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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