

Converting Colors

YIQ(217.7120, 52.4560,
-25.5600)

Have a look what the booklet for
YIQ(217.7120, 52.4560, -25.5600)
contains.

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Color

**YIQ(217.7120, 52.4560,
-25.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDC74
RGB	252, 220, 116
RGB Percent	99%, 86%, 45%
CMY	0.0118, 0.1373, 0.5448
CMYK	0.00, 0.13, 0.54, 0.01
HSL	46°, 96%, 72%
HSV	46°, 54%, 99%
XYZ	68.8922, 73.1378, 27.0315
YIQ	217.7120, 52.4560, -25.5600

Conversions

Conversions Part 2

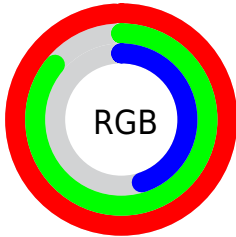
Format	Color
RYB	158, 252, 116
Decimal	16571508
CIELab	88.51, -1.35, 54.50
CIELCh	89, 54.513, 91.419
Yxy	73.1378, 0.4075, 0.4326
Android (android.graphics.Color)	4294761588 (0xFFFCDC74)
YUV	217.7120, -50.1440, 30.0706
Hunter-Lab	85.5207, -5.8683, 41.1240

Details

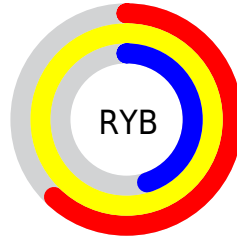
The YIQ color **217.7120, 52.4560, -25.5600** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **150.2880, -52.4560, 25.5600**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3100, 27.2850, -26.4350**, and **161.7440, 49.4300, -25.7860** is the 20% darker color. If you saturate the color by 10%, you get **211.3400, 62.1310, -30.1970**, and if you desaturate by 10%, it is **224.0840, 42.7810, -20.9230**.

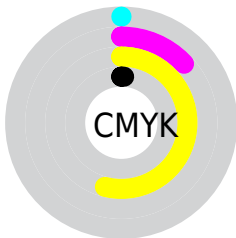
Distribution



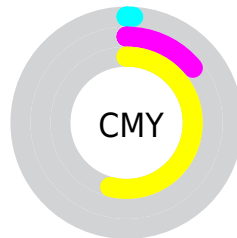
- Red (99%)
- Green (86%)
- Blue (45%)



- Red (62%)
- Yellow (99%)
- Blue (45%)



- Cyan (0%)
- Magenta (13%)
- Yellow (54%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.7120, 52.4560, -25.5600 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 217.7120, 52.4560, -25.5600 by changing the saturation by 10% instead.


 217.7120, 52.4560,
-25.5600


 217.7120, 52.4560,
-25.5600


255.0000, -0.0000,
-0.0000


 189.3420, 50.6220,
-25.3620


 245.3100, 27.2850,
-26.4350


 161.8580, 49.1090,
-25.4750


 248.5020, 18.2970,
-17.7270

 134.7330, 47.9630,
-26.7330

 251.8080, 8.9880,
-8.7080

 107.6960, 49.3850,
-30.4790

 85.1220, 39.6180,
-24.1740

 63.2600, 30.7220,
-17.1340

 42.8600, 20.4050,

-11.8750

■ 23.3570, 11.8760,
-5.9800

■ 0.0000, 0.0000,
0.0000

■ 217.7120, 52.4560,
-25.5600

■ 217.7120, 52.4560,
-25.5600

■ 211.3400, 62.1310,
-30.1970

■ 224.0840, 42.7810,
-20.9230

■ 204.9680, 71.8060,
-34.8340

■ 230.4560, 33.1060,
-16.2860

■ 198.4820, 81.8020,
-39.7820

■ 236.9420, 23.1100,
-11.3380

■ 192.1100, 91.4770,
-44.4190

■ 243.3140, 13.4350,
-6.7010

■ 188.6390, 97.1170,
-47.5150

■ 249.6860, 3.7600,
-2.0640

■ 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



209.8670, 54.0580, -10.5340



217.7120, 52.4560, -25.5600



212.0810, 11.3320, -40.1880

Triad

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



217.7120, 52.4560, -25.5600



174.6460, -150.0550, -50.3990



216.2580, 18.1500, 34.5180

Complementary

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



217.7120, 52.4560, -25.5600



150.2880, -52.4560, 25.5600

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.



219.9360, -1.9750, 19.2810



217.7120, 52.4560, -25.5600



170.5370, -148.1300, -46.7380

Square

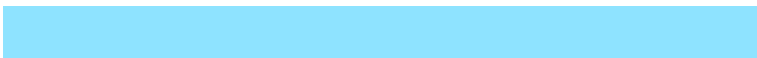
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.7120, 52.4560, -25.5600



171.5850, -140.0580, -60.8740



204.7770, -59.6480, -9.3120



207.2130, 31.2180, 28.9620

Rectangle

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



217.7120, 52.4560, -25.5600



206.6670, -22.7330, -45.0770



204.7770, -59.6480, -9.3120



219.7800, 16.5000, 31.3800

Sweetspot

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



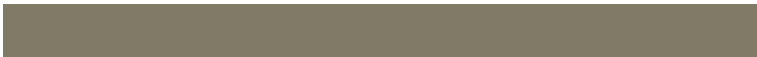
217.7120, 52.4560, -25.5600



244.4560, 15.9110, -7.5210



160.5400, 70.1420, 39.4060



121.6280, 9.6750, -4.6370



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.



217.7120, 52.4560, -25.5600



213.1830, 64.0110, -31.2290



226.3300, 23.3920, -49.5040



121.7570, 4.9980, -2.4740



141.0390, 73.0440, -35.2440



45.8280, 23.4310, -11.6490

Inverse Universe

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



150.2880, -52.4560, 25.5600



130.8170, -64.0110, 31.2290



141.6700, -23.3920, 49.5040



115.2430, -4.9980, 2.4740



47.3740, -72.7690, 35.7670



15.1720, -23.4310, 11.6490

Previews

White Background



This preview shows how the YIQ color 217.7120, 52.4560, -25.5600 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 217.7120, 52.4560, -25.5600 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 217.7120, 52.4560, -25.5600

Background



This preview shows how black text looks on a background with the YIQ color 217.7120, 52.4560, -25.5600.



This preview shows how white text looks on a background with the YIQ color 217.7120, 52.4560, -25.5600.

-25.5600.

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

217.7120, 52.4560, -25.5600

Protanopia

216.9070, 47.4130, -27.7790

Deuteranopia

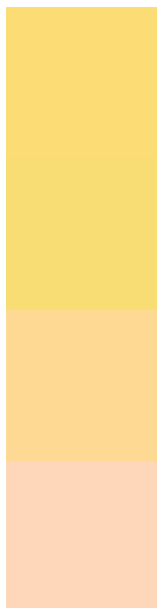
222.0750, 38.9730, -6.9710



Tritanopia

225.6380, 22.0510, 13.3710

Trichromacy



Original Color

217.7120, 52.4560, -25.5600

Protanomaly

217.2170, 49.4760, -26.6200

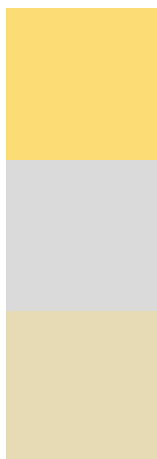
Deuteranomaly

220.1970, 44.2010, -13.6150

Tritanomaly

222.6540, 33.1490, -0.5390

Monochromacy



Original Color

217.7120, 52.4560, -25.5600

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9570, 18.7540, -9.4860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7120, 52.4560, -25.5600 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(252, 220, 116)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 116)  
}
```

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(252, 220, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 116) }
```

Border

The CSS property to change the border of an element to YIQ 217.7120, 52.4560, -25.5600 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(252, 220, 116) }
```


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

```
.border{ border-color:rgb(252, 220, 116) }
```

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

Here you see how a box with a 4 pixel rgb(252, 220, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 116);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7120, 52.4560, -25.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 116) }
```

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

```
.background{ background-color: rgb(252,  
220, 116) }
```

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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