

Converting Colors

XYZ(61.2978, 52.6613, 50.3101)

Have a look what the booklet for
XYZ(61.2978, 52.6613, 50.3101)
contains.

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Color

**XYZ(61.3485, 52.5745,
50.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	F7ACB4
RGB	247, 172, 180
RGB Percent	97%, 67%, 71%
CMY	0.0314, 0.3255, 0.2941
CMYK	0.00, 0.30, 0.27, 0.03
HSL	354°, 82%, 82%
HSV	354°, 30%, 97%
XYZ	61.3485, 52.5745, 50.0945
YIQ	195.3370, 42.1320, 18.3880

Conversions

Conversions Part 2

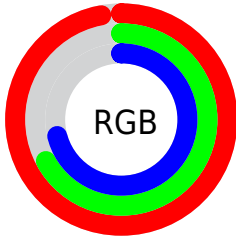
Format	Color
R _Y B	247, 172, 180
Decimal	16231604
CIE Lab	77.62, 28.56, 7.02
CIE LCh	78, 29.410, 13.813
Yxy	52.5745, 0.3740, 0.3205
Android (android.graphics.Color)	4294421684 (0xFFF7ACB4)
YUV	195.3370, -7.5611, 45.3085
Hunter-Lab	72.5083, 24.1375, 9.7935

Details

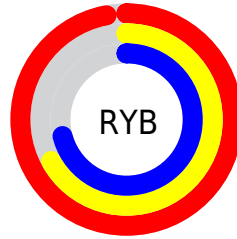
The XYZ color **61.3485, 52.5745, 50.0945** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.8563, 81.5254, 93.9304**, and the grayscale version is **52.1001, 54.8133, 59.6917**.

A 20% lighter version of the original color is **84.1237, 82.8029, 90.9056**, and **31.4139, 25.5448, 23.3536** is the 20% darker color. If you saturate the color by 10%, you get **55.0052, 43.2034, 37.7582**, and if you desaturate by 10%, it is **68.9262, 63.8410, 64.6091**.

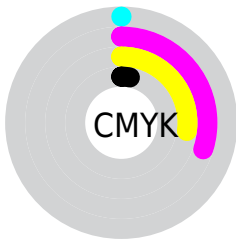
Distribution



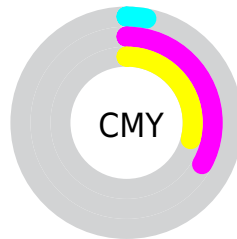
- Red (97%)
- Green (67%)
- Blue (71%)



- Red (97%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3485, 52.5745, 50.0945 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 XYZ color 61.3485, 52.5745, 50.0945 by changing the saturation by 10% instead.


 61.3485, 52.5745,
50.0945

 61.3485, 52.5745,
50.0945


419.3062,
396.6505, 403.7810

 44.7601, 37.4632,
35.1168


 105.8786, 93.9780,
91.7126

 31.4690, 25.5663,
23.4686

134.5511,
121.0389, 119.1901

 21.1098, 16.4995,
14.7313

167.9822,
152.8519, 151.6713

 13.3172, 9.8783,
8.4865

206.5374,
189.8012, 189.5746

 7.7258, 5.3183,
4.3156

250.5821,
232.2714, 233.3188

 3.9703, 2.4352,
1.8000

300.4815,

 1.6854, 0.8439,


280.6467, 283.3222


0.4280


356.6011,
335.3116, 340.0034


 0.4471, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 61.3485, 52.5745,
50.0945


 61.3485, 52.5745,
50.0945


 55.0052, 43.2034,
37.7582


 68.9262, 63.8410,
64.6091


 49.8266, 35.6164,
27.4918

 77.7946, 77.0911,
81.3968

 45.7427, 29.7024,
19.1824

 88.0115, 92.4167,
100.5506

 42.6741, 25.3345,
12.7052

 92.1679, 98.5142,
108.7651

■ 40.5306, 22.3678,
7.9206

■ 39.2058, 20.6296,
4.6688

■ 38.5481, 19.8503,
2.7966

Harmonies

Analogous

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



61.2143, 52.5745, 66.4180



61.3485, 52.5745, 50.0945



58.2762, 52.5745, 38.2002

Triad

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



61.3485, 52.5745, 50.0945



42.7820, 52.5745, 37.5044



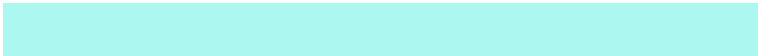
46.9862, 52.5745, 92.8583

Complementary

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



61.3485, 52.5745, 50.0945



65.8563, 81.5254, 93.9304

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.



42.4940, 52.5745, 81.7539



61.3485, 52.5745, 50.0945



40.1954, 52.5745, 48.9575

Square

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



61.3485, 52.5745, 50.0945



47.4071, 52.5745, 31.9189



40.0942, 52.5745, 65.0448



52.6246, 52.5745, 93.3224

Rectangle

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



61.3485, 52.5745, 50.0945



54.9486, 52.5745, 33.5072



40.0942, 52.5745, 65.0448



45.3025, 52.5745, 90.1635

Sweetspot

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



61.3499, 52.5770, 50.0956



85.0334, 84.9705, 90.1357



66.8865, 54.4435, 94.9792



17.8781, 17.7042, 18.6856



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3499, 52.5770, 50.0956



61.9143, 50.5421, 46.0207



66.6342, 64.4117, 47.9536



16.5709, 16.5112, 17.4871



20.4111, 10.5079, 1.6070



1.8172, 0.9328, 0.2638

Inverse Universe

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



61.3499, 52.5770, 50.0956



61.9143, 50.5421, 46.0207



58.9401, 65.7607, 97.5825



16.5709, 16.5112, 17.4871



20.4111, 10.5079, 1.6070



1.8172, 0.9328, 0.2638

Previews

White Background



This preview shows how the XYZ color 61.3485, 52.5745, 50.0945 looks on a white background.

Color Contrast Check

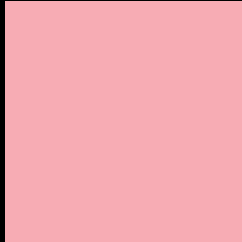
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.3485, 52.5745, 50.0945 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](#).

XYZ 61.3485, 52.5745, 50.0945

Background



This preview shows how black text looks on a background with the XYZ color 61.3485, 52.5745, 50.0945.



This preview shows how white text looks on a background with the XYZ color 61.3485, 52.5745,

50.0945.

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

61.3485, 52.5745, 50.0945

Protanopia

50.7997, 52.7590, 56.7963

Deuteranopia

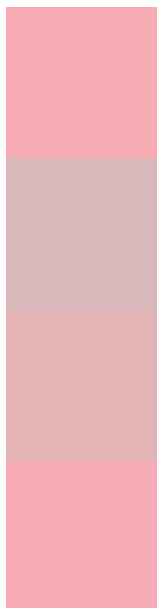
53.7037, 52.5112, 49.4247



Tritanopia

61.5724, 52.3607, 52.2088

Trichromacy



Original Color

61.3485, 52.5745, 50.0945

Protanomaly

54.1345, 52.3159, 54.2585

Deuteranomaly

56.1365, 52.2281, 49.7701

Tritanomaly

61.4679, 52.3189, 51.6586

Monochromacy



Original Color

61.3485, 52.5745, 50.0945

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.7961, 53.5545, 56.1642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3485, 52.5745, 50.0945 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(247, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 172, 180)  
}
```

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(247, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 172, 180) }
```

Border

The CSS property to change the border of an element to XYZ 61.3485, 52.5745, 50.0945 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(247, 172, 180) }
```


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

```
.border{ border-color:rgb(247, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 172,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3485, 52.5745, 50.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 172, 180) }
```

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

```
.background{ background-color: rgb(247,  
172, 180) }
```

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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