

Converting Colors

XYZ(61.3387, 52.9595, 52.4739)

Have a look what the booklet for
XYZ(61.3387, 52.9595, 52.4739)
contains.

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Color

**XYZ(61.4440, 53.1453,
52.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AEB8
RGB	245, 174, 184
RGB Percent	96%, 68%, 72%
CMY	0.0392, 0.3176, 0.2784
CMYK	0.00, 0.29, 0.25, 0.04
HSL	352°, 78%, 82%
HSV	352°, 29%, 96%
XYZ	61.4440, 53.1453, 52.3670
YIQ	196.3690, 39.1060, 18.1620

Conversions

Conversions Part 2

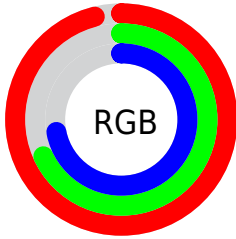
Format	Color
R _Y B	245, 174, 184
Decimal	16101048
CIE Lab	77.96, 27.33, 5.30
CIE LCh	78, 27.838, 10.983
Yxy	53.1453, 0.3680, 0.3183
Android (android.graphics.Color)	4294291128 (0xFFF5AEB8)
YUV	196.3690, -6.0979, 42.6494
Hunter-Lab	72.9008, 22.8712, 8.4407

Details

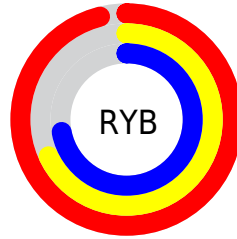
The XYZ color **61.4440, 53.1453, 52.3670** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1057, 80.3030, 90.6700**, and the grayscale version is **52.7112, 55.4563, 60.3919**.

A 20% lighter version of the original color is **85.2650, 84.1449, 94.1857**, and **31.4276, 25.8782, 24.8113** is the 20% darker color. If you saturate the color by 10%, you get **55.0905, 43.7105, 40.1604**, and if you desaturate by 10%, it is **68.9921, 64.4428, 66.5929**.

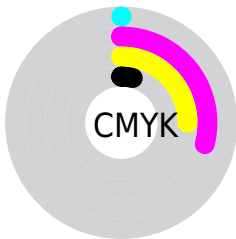
Distribution



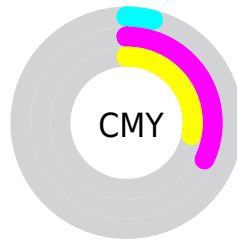
- Red (96%)
- Green (68%)
- Blue (72%)



- Red (96%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4440, 53.1453, 52.3670 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 61.4440, 53.1453, 52.3670 by changing the saturation by 10% instead.


 61.4440, 53.1453,
52.3670

 61.4440, 53.1453,
52.3670


419.6500,
398.8423, 412.8490

 44.8375, 37.9188,
36.9134


 106.0160, 94.8181,
95.1043

 31.5302, 25.9197,
24.8452


134.7123,
122.0332, 123.2252

 21.1567, 16.7635,
15.7438


168.1691,
154.0133, 156.4056

 13.3517, 10.0660,
9.1907

206.7519,
191.1428, 195.0640

 7.7498, 5.4428,
4.7672

250.8261,
233.8060, 239.6190

 3.9857, 2.5093,
2.0550

300.7569,

 1.6941, 0.8813,

282.3874, 290.4892

0.5888

356.9098,
337.2714, 348.0930

■ 0.4526, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4440, 53.1453,
52.3670

■ 61.4440, 53.1453,
52.3670

■ 55.0905, 43.7105,
40.1604

■ 68.9921, 64.4428,
66.5929

■ 49.8657, 36.0313,
29.8782

■ 77.7873, 77.6879,
82.9209

■ 45.7041, 30.0011,
21.4225

■ 87.8844, 92.9691,
101.4328

■ 42.5317, 25.4985,
14.6854

■ 91.4664, 98.1526,
108.7323

■ 40.2645, 22.3855,
9.5477

■ 38.8044, 20.4991,
5.8741

■ 38.0120, 19.5983,
3.5006

■ 37.9523, 19.5309,
3.3204

Harmonies

Analogous

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



61.0146, 53.1453, 68.1414



61.4440, 53.1453, 52.3670



58.7914, 53.1453, 40.4239

Triad

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



61.4440, 53.1453, 52.3670



43.9850, 53.1453, 38.1413



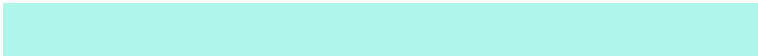
47.1943, 53.1453, 90.8994

Complementary

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



61.4440, 53.1453, 52.3670



65.1057, 80.3030, 90.6700

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.



43.0507, 53.1453, 79.7182



61.4440, 53.1453, 52.3670



41.2914, 53.1453, 48.6797

Square

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



61.4440, 53.1453, 52.3670



48.5545, 53.1453, 33.2436



40.9620, 53.1453, 63.7375



52.5235, 53.1453, 92.3692

Rectangle

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



61.4440, 53.1453, 52.3670



55.7360, 53.1453, 35.5032



40.9620, 53.1453, 63.7375



45.6269, 53.1453, 88.0693

Sweetspot

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



61.4455, 53.1478, 52.3681



85.1467, 85.0158, 90.7323



65.6659, 54.4190, 93.4296



17.9058, 17.7152, 18.8313



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.



61.4455, 53.1478, 52.3681



62.8984, 51.6687, 48.9435



65.6868, 63.2486, 48.7937



16.5941, 16.5205, 17.6093



20.4749, 10.5334, 1.9435



1.8282, 0.9372, 0.3217

Inverse Universe

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



61.4455, 53.1478, 52.3681



62.8984, 51.6687, 48.9435



59.5717, 66.8585, 96.1518



16.5941, 16.5205, 17.6093



20.4749, 10.5334, 1.9435



1.8282, 0.9372, 0.3217

Previews

White Background



This preview shows how the XYZ color 61.4440, 53.1453, 52.3670 looks on a white background.

Color Contrast Check

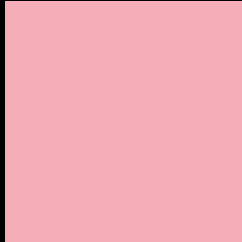
Large Text (above 18pt) WCAG AA × Fail

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 61.4440, 53.1453, 52.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

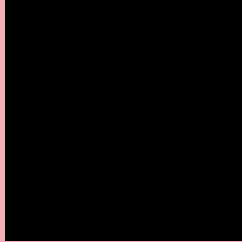
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4440, 53.1453, 52.3670

Background



This preview shows how black text looks on a background with the XYZ color 61.4440, 53.1453, 52.3670.



This preview shows how white text looks on a background with the XYZ color 61.4440, 53.1453,

52.3670.

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

61.4440, 53.1453, 52.3670

Protanopia

51.3522, 53.3301, 58.6261

Deuteranopia

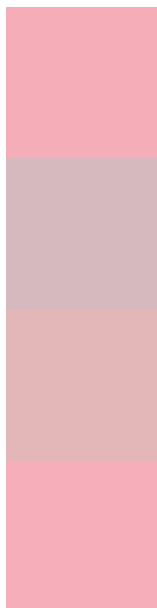
54.3213, 53.0941, 51.6411



Tritanopia

61.7619, 53.2724, 54.0411

Trichromacy



Original Color

61.4440, 53.1453, 52.3670

Protanomaly

54.3748, 52.7118, 56.0237

Deuteranomaly

56.9537, 53.2057, 52.0677

Tritanomaly

61.6552, 53.2298, 53.4792

Monochromacy



Original Color

61.4440, 53.1453, 52.3670

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.2292, 54.0684, 57.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4440, 53.1453, 52.3670 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(245, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 184)  
}
```

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(245, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.4440, 53.1453, 52.3670 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(245, 174, 184) }
```


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

```
.border{ border-color:rgb(245, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4440, 53.1453, 52.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 184) }
```

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

```
.background{ background-color: rgb(245,  
174, 184) }
```

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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