

Converting Colors

XYZ(57.0121, 52.7351, 53.9426)

Have a look what the booklet for
XYZ(57.0121, 52.7351, 53.9426)
contains.

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Color

**XYZ(56.9695, 52.5613,
54.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B4BB
RGB	227, 180, 187
RGB Percent	89%, 71%, 73%
CMY	0.1098, 0.2941, 0.2667
CMYK	0.00, 0.21, 0.18, 0.11
HSL	351°, 46%, 80%
HSV	351°, 21%, 89%
XYZ	56.9695, 52.5613, 54.1564
YIQ	194.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

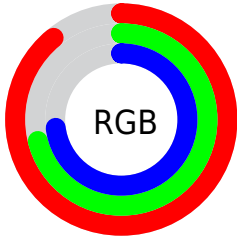
Format	Color
R _Y B	227, 180, 187
Decimal	14922939
CIE Lab	77.62, 18.06, 2.94
CIE LCh	78, 18.296, 9.257
Yxy	52.5613, 0.3480, 0.3211
Android (android.graphics.Color)	4293113019 (0xFFE3B4BB)
YUV	194.8510, -3.8705, 28.1947
Hunter-Lab	72.4992, 13.3909, 6.4602

Details

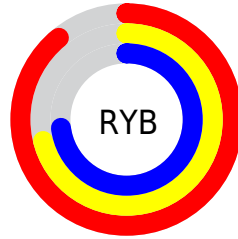
The XYZ color **56.9695, 52.5613, 54.1564** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2119, 69.8102, 78.0676**, and the grayscale version is **51.7959, 54.4933, 59.3432**.

A 20% lighter version of the original color is **87.4131, 87.7220, 97.1189**, and **28.6870, 25.5579, 25.9755** is the 20% darker color. If you saturate the color by 10%, you get **50.8257, 43.3637, 42.5810**, and if you desaturate by 10%, it is **64.1451, 63.3759, 67.4499**.

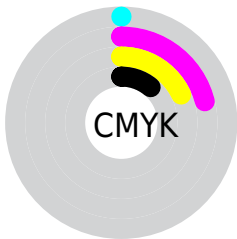
Distribution



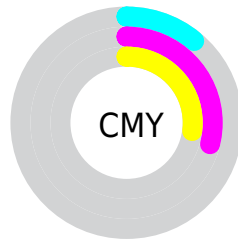
- Red (89%)
- Green (71%)
- Blue (73%)



- Red (89%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9695, 52.5613, 54.1564 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 56.9695, 52.5613, 54.1564 by changing the saturation by 10% instead.


 56.9695, 52.5613,
54.1564

 56.9695, 52.5613,
54.1564


403.3510,
396.5997, 419.8976

 41.2208, 37.4527,
38.3327


 99.5523, 93.9585,
97.7626

 28.6801, 25.5582,
25.9372


127.1171,
121.0159, 126.3821

 18.9820, 16.4934,
16.5513

159.3513,
152.8250, 160.1040

 11.7612, 9.8740,
9.7565

196.6203,
189.7701, 199.3468

 6.6523, 5.3155,
5.1343

239.2894,
232.2358, 244.5290

 3.2900, 2.4335,
2.2662

287.7240,

 1.3089, 0.8431,

280.6064, 296.0691

0.7122

342.2894,
335.2662, 354.3858

■ 0.1899, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9695, 52.5613,
54.1564

■ 56.9695, 52.5613,
54.1564

■ 50.8257, 43.3637,
42.5810

■ 64.1451, 63.3759,
67.4499

■ 45.6616, 35.6986,
32.6502

■ 72.3924, 75.8725,
82.5244

■ 41.4275, 29.4845,
24.2898

■ 81.7547, 90.1213,
99.4437

■ 38.0674, 24.6296,
17.4189

■ 85.4888, 95.0710,
108.4525

■ 35.5191, 21.0317,
11.9490

■ 33.7120, 18.5738,
7.7822

■ 32.5632, 17.1169,
4.8075

■ 31.9645, 16.4453,
2.9872

Harmonies

Analogous

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



56.5862, 52.5613, 64.4036



56.9695, 52.5613, 54.1564



55.4067, 52.5613, 45.7772

Triad

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



56.9695, 52.5613, 54.1564



45.7800, 52.5613, 43.4448



47.5896, 52.5613, 77.4279

Complementary

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



56.9695, 52.5613, 54.1564



59.2119, 69.8102, 78.0676

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.



44.8787, 52.5613, 70.4501



56.9695, 52.5613, 54.1564



43.8686, 52.5613, 50.6105

Square

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



56.9695, 52.5613, 54.1564



48.8728, 52.5613, 40.0909



43.5467, 52.5613, 60.4184



51.0591, 52.5613, 78.6676

Rectangle

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



56.9695, 52.5613, 54.1564



53.5128, 52.5613, 42.0803



43.5467, 52.5613, 60.4184



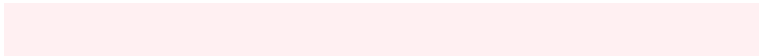
46.5641, 52.5613, 75.6395

Sweetspot

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



56.9710, 52.5637, 54.1575



88.3355, 89.8131, 96.6666



59.6882, 53.3989, 79.8348



18.7577, 18.9970, 20.4168



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.



56.9710, 52.5637, 54.1575



70.4374, 62.8355, 63.5140



59.7601, 59.3115, 51.4815



14.4640, 14.4028, 15.3777



18.6679, 9.6014, 1.8804



1.4068, 0.7204, 0.2829

Inverse Universe

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



56.9710, 52.5637, 54.1575



70.4374, 62.8355, 63.5140



55.8722, 61.6165, 81.6220



14.4640, 14.4028, 15.3777



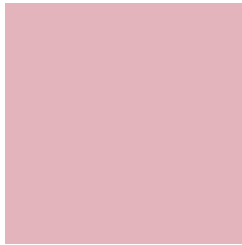
18.6679, 9.6014, 1.8804



1.4068, 0.7204, 0.2829

Previews

White Background



This preview shows how the XYZ color 56.9695, 52.5613, 54.1564 looks on a white background.

Color Contrast Check

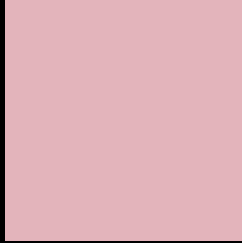
Large Text (above 18pt) WCAG AA × Fail

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 56.9695, 52.5613, 54.1564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

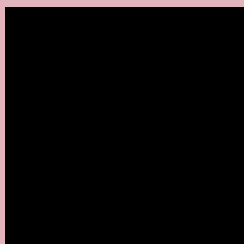
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9695, 52.5613, 54.1564

Background



This preview shows how black text looks on a background with the XYZ color 56.9695, 52.5613, 54.1564.



This preview shows how white text looks on a background with the XYZ color 56.9695, 52.5613,

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

56.9695, 52.5613, 54.1564

Protanopia

50.7621, 52.7140, 57.9514

Deuteranopia

53.8624, 52.8091, 53.8087



Tritanopia

57.7406, 52.5844, 57.5586

Trichromacy



Original Color

56.9695, 52.5613, 54.1564

Protanomaly

52.9064, 52.5676, 56.6483

Deuteranomaly

54.9169, 52.7316, 53.7382

Tritanomaly

57.5190, 52.4958, 56.3913

Monochromacy



Original Color

56.9695, 52.5613, 54.1564

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6600, 53.8981, 57.4444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9695, 52.5613, 54.1564 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(227, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 187)  
}
```

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(227, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.9695, 52.5613, 54.1564 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(227, 180, 187) }
```


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

```
.border{ border-color:rgb(227, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 180, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 180, 187); box-shadow:4px 4px 4px 4px rgb(227, 180, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9695, 52.5613, 54.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 187) }
```

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

```
.background{ background-color: rgb(227,  
180, 187) }
```

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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