

Converting Colors

XYZ(56.5135, 45.4955, 44.2459)

Have a look what the booklet for
XYZ(56.5135, 45.4955, 44.2459)
contains.

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Color

**XYZ(56.5625, 45.4640,
44.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	F59AAB
RGB	245, 154, 171
RGB Percent	96%, 60%, 67%
CMY	0.0392, 0.3961, 0.3294
CMYK	0.00, 0.37, 0.30, 0.04
HSL	349°, 82%, 78%
HSV	349°, 37%, 96%
XYZ	56.5625, 45.4640, 44.3223
YIQ	183.1470, 48.7790, 24.5790

Conversions

Conversions Part 2

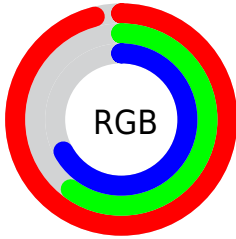
Format	Color
R _Y B	245, 154, 171
Decimal	16095915
CIE Lab	73.20, 36.10, 5.56
CIE LCh	73, 36.524, 8.761
Yxy	45.4640, 0.3865, 0.3107
Android (android.graphics.Color)	4294285995 (0xFFFF59AAB)
YUV	183.1470, -5.9885, 54.2451
Hunter-Lab	67.4270, 31.7411, 8.2254

Details

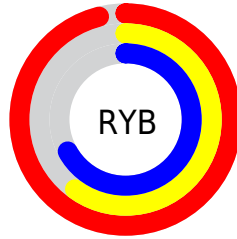
The XYZ color **56.5625, 45.4640, 44.3223** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9846, 77.7774, 85.2540**, and the grayscale version is **45.1047, 47.4536, 51.6770**.

A 20% lighter version of the original color is **77.7679, 72.3519, 81.8180**, and **28.4770, 21.2041, 20.0447** is the 20% darker color. If you saturate the color by 10%, you get **51.1656, 37.4837, 33.8492**, and if you desaturate by 10%, it is **63.0734, 55.2136, 56.5801**.

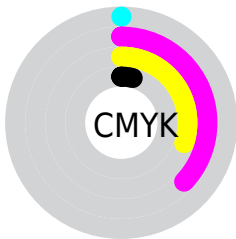
Distribution



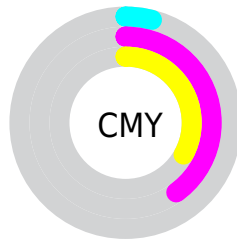
- Red (96%)
- Green (60%)
- Blue (67%)



- Red (96%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5625, 45.4640, 44.3223 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 56.5625, 45.4640, 44.3223 by changing the saturation by 10% instead.


 56.5625, 45.4640,
44.3223


 56.5625, 45.4640,
44.3223


401.8486,
368.6495, 380.1017

 40.8929, 31.8231,
30.5849


 98.9616, 83.4163,
83.0101

 28.4227, 21.2264,
20.0272


 126.4217,
108.4964, 108.7977

 18.7866, 13.2896,
12.2305


158.5428,
138.1583, 139.4390

 11.6193, 7.6283,
6.7764

195.6901,
172.7865, 175.3527

 6.5553, 3.8580,
3.2464

238.2289,
212.7653, 216.9573

 3.2294, 1.5945,
1.2218

286.5247,

 1.2762, 0.3539,

258.4792, 264.6713

0.0000

340.9429,
310.3124, 318.9132

■ 0.1653, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5625, 45.4640,
44.3223

■ 56.5625, 45.4640,
44.3223

■ 51.1656, 37.4837,
33.8492

■ 63.0734, 55.2136,
56.5801

■ 46.8156, 31.1598,
25.0739

■ 70.7528, 66.8231,
70.6982

■ 43.4440, 26.3770,
17.9064

■ 79.6560, 80.3850,
86.7515

■ 40.9722, 23.0021,
12.2468

■ 89.8338, 95.9835,
104.8094

■ 39.3091, 20.8790,
7.9835

■ 91.4663, 98.1525,
108.7323

■ 38.3400, 19.8077,
4.9874

■ 38.1447, 19.6079,
4.3340

Harmonies

Analogous

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



55.7376, 45.4640, 63.4103



56.5625, 45.4640, 44.3223



53.5442, 45.4640, 30.5413

Triad

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



56.5625, 45.4640, 44.3223



35.9513, 45.4640, 26.7788



38.9026, 45.4640, 90.1919

Complementary

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



56.5625, 45.4640, 44.3223



59.9846, 77.7774, 85.2540

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.



34.3029, 45.4640, 75.0307



56.5625, 45.4640, 44.3223



32.7196, 45.4640, 37.7934

Square

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



56.5625, 45.4640, 44.3223



41.3633, 45.4640, 22.1858



32.1475, 45.4640, 55.0715



45.1153, 45.4640, 93.1841

Rectangle

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



56.5625, 45.4640, 44.3223



49.9189, 45.4640, 25.0551



32.1475, 45.4640, 55.0715



37.1348, 45.4640, 86.1976

Sweetspot

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



56.5637, 45.4662, 44.3232



83.2877, 82.0078, 87.9239



59.6541, 46.0046, 92.1221



17.5418, 17.1184, 18.3054



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.



56.5637, 45.4662, 44.3232



57.1479, 42.6866, 39.2614



60.0754, 54.9176, 38.0085



16.6255, 16.5331, 17.7747



20.5861, 10.5779, 2.5287



1.8431, 0.9432, 0.4001

Inverse Universe

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



56.5637, 45.4662, 44.3232



57.1479, 42.6866, 39.2614



54.8034, 63.4517, 95.7454



16.6255, 16.5331, 17.7747



20.5861, 10.5779, 2.5287



1.8431, 0.9432, 0.4001

Previews

White Background



This preview shows how the XYZ color 56.5625, 45.4640, 44.3223 looks on a white background.

Color Contrast Check

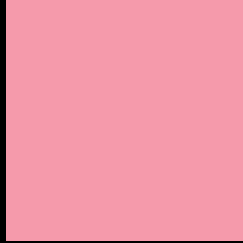
Large Text (above 18pt) WCAG AA × Fail

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 56.5625, 45.4640, 44.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

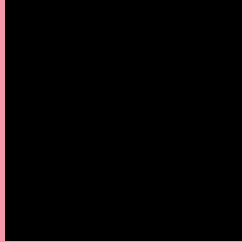
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5625, 45.4640, 44.3223

Background



This preview shows how black text looks on a background with the XYZ color 56.5625, 45.4640, 44.3223.



This preview shows how white text looks on a background with the XYZ color 56.5625, 45.4640,

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

56.5625, 45.4640, 44.3223

Protanopia

44.1685, 45.6881, 52.3897

Deuteranopia

46.4682, 45.6187, 42.9154



Tritanopia

56.2605, 45.6083, 41.9144

Trichromacy



Original Color

56.5625, 45.4640, 44.3223

Protanomaly

47.7898, 45.0239, 49.3517

Deuteranomaly

49.8000, 45.3700, 43.1783

Tritanomaly

56.4454, 45.6823, 42.8884

Monochromacy



Original Color

56.5625, 45.4640, 44.3223

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.3428, 45.8815, 48.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5625, 45.4640, 44.3223 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, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(245, 154, 171)  
}
```

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, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 56.5625, 45.4640, 44.3223 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, 154, 171) }
```


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

```
.border{ border-color:rgb(245, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(245, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5625, 45.4640, 44.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 154, 171) }
```

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

```
.background{ background-color: rgb(245,  
154, 171) }
```

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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