

Converting Colors

XYZ(55.9710, 45.2442, 53.2381)

Have a look what the booklet for
XYZ(55.9710, 45.2442, 53.2381)
contains.

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Color

**XYZ(56.0583, 45.2507,
53.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9BBC
RGB	238, 155, 188
RGB Percent	93%, 61%, 74%
CMY	0.0667, 0.3921, 0.2627
CMYK	0.00, 0.35, 0.21, 0.07
HSL	336°, 71%, 77%
HSV	336°, 35%, 93%
XYZ	56.0583, 45.2507, 53.3566
YIQ	183.5790, 38.8750, 27.8590

Conversions

Conversions Part 2

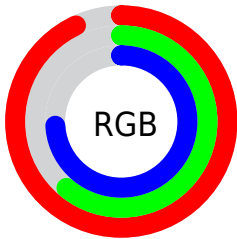
Format	Color
R _Y B	238, 155, 188
Decimal	15637436
CIE Lab	73.06, 35.45, -4.13
CIE LCh	73, 35.687, 353.350
Yxy	45.2507, 0.3624, 0.2926
Android (android.graphics.Color)	4293827516 (0xFFEE9BBC)
YUV	183.5790, 2.1796, 47.7272
Hunter-Lab	67.2686, 31.0328, 0.0600

Details

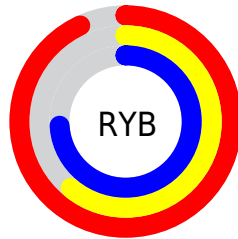
The XYZ color **56.0583, 45.2507, 53.3566** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.1135, 72.5265, 68.8553**, and the grayscale version is **45.3024, 47.6617, 51.9036**.

A 20% lighter version of the original color is **80.6157, 73.8848, 95.6002**, and **28.1806, 21.0758, 25.5044** is the 20% darker color. If you saturate the color by 10%, you get **51.0112, 37.5081, 44.4235**, and if you desaturate by 10%, it is **62.0422, 54.6201, 63.3607**.

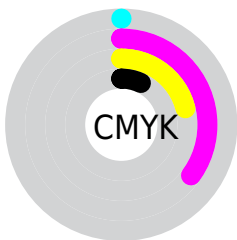
Distribution



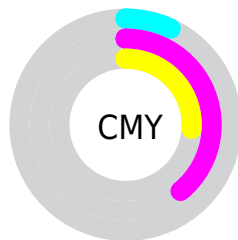
- Red (93%)
- Green (61%)
- Blue (74%)



- Red (93%)
- Yellow (61%)
- Blue (74%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0583, 45.2507, 53.3566 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 56.0583, 45.2507, 53.3566 by changing the saturation by 10% instead.


 56.0583, 45.2507,
53.3566


 56.0583, 45.2507,
53.3566


399.9826,
367.7880, 416.7568

 40.4869, 31.6549,
37.6978

 98.2291, 83.0965,
96.5758

 28.1042, 21.0981,
25.4483


 125.5592,
108.1153, 124.9732

 18.5451, 13.1957,
16.1893


157.5396,
137.7106, 158.4540

 11.4441, 7.5635,
9.5024

194.5355,
172.2667, 197.4367

 6.4359, 3.8169,
4.9690

236.9125,
212.1682, 242.3398

 3.1550, 1.5717,
2.1707

285.0357,

 1.2363, 0.3384,

257.7992, 293.5818

0.6574

339.2707,
309.5444, 351.5813

■ 0.1347, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0583, 45.2507,
53.3566

■ 56.0583, 45.2507,
53.3566

■ 51.0112, 37.5081,
44.4235

■ 62.0422, 54.6201,
63.3607

■ 46.8464, 31.2920,
36.5196

■ 69.0055, 65.6963,
74.4695

■ 43.5096, 26.5008,
29.6045

■ 76.9930, 78.5615,
86.7188

■ 40.9387, 23.0178,
23.6331

■ 86.0453, 93.2909,
100.1415

■ 39.0615, 20.7075,
18.5559

■ 89.0700, 96.9172,
108.6201

■ 37.7909, 19.4039,
14.3166

■ 37.3083, 18.9965,
12.4361

Harmonies

Analogous

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



53.3691, 45.2507, 72.7537



56.0583, 45.2507, 53.3566



54.9892, 45.2507, 36.8699

Triad

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



56.0583, 45.2507, 53.3566



38.4281, 45.2507, 23.9813



36.2391, 45.2507, 82.2916

Complementary

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



56.0583, 45.2507, 53.3566



55.1135, 72.5265, 68.8553

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.



32.9097, 45.2507, 64.1794



56.0583, 45.2507, 53.3566



34.0855, 45.2507, 31.4770

Square

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



56.0583, 45.2507, 53.3566



44.4135, 45.2507, 22.4186



32.1610, 45.2507, 45.3982



41.6352, 45.2507, 91.8770

Rectangle

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



56.0583, 45.2507, 53.3566



52.3352, 45.2507, 29.2502



32.1610, 45.2507, 45.3982



34.8631, 45.2507, 76.8155

Sweetspot

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



56.0596, 45.2528, 53.3575



85.0723, 83.8455, 93.8562



52.2775, 42.5689, 86.3505



17.9302, 17.4978, 19.6601



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.



56.0596, 45.2528, 53.3575



61.1609, 46.1471, 54.6734



54.3284, 46.8470, 37.1920



16.0331, 15.8630, 17.7305



20.8738, 10.6219, 7.2519



1.7842, 0.9027, 0.8547

Inverse Universe

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



56.0596, 45.2528, 53.3575



61.1609, 46.1471, 54.6734



57.1651, 69.5696, 91.3045



16.0331, 15.8630, 17.7305



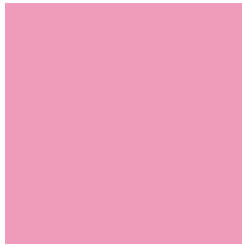
20.8738, 10.6219, 7.2519



1.7842, 0.9027, 0.8547

Previews

White Background



This preview shows how the XYZ color 56.0583, 45.2507, 53.3566 looks on a white background.

Color Contrast Check

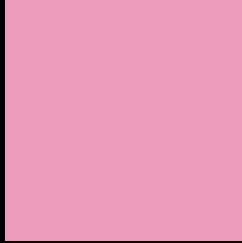
Large Text (above 18pt) WCAG AA × Fail

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 56.0583, 45.2507, 53.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

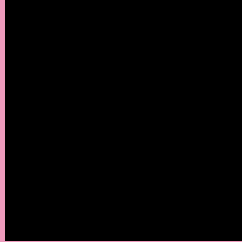
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0583, 45.2507, 53.3566

Background



This preview shows how black text looks on a background with the XYZ color 56.0583, 45.2507, 53.3566.



This preview shows how white text looks on a background with the XYZ color 56.0583, 45.2507,

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

56.0583, 45.2507, 53.3566

Protanopia

44.4856, 45.3352, 62.2830

Deuteranopia

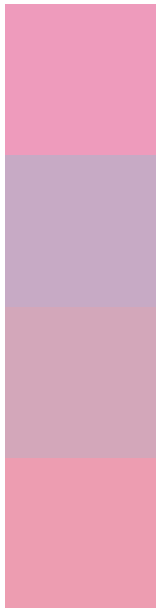
46.3987, 45.3770, 52.2121



Tritanopia

54.0746, 45.1889, 43.9025

Trichromacy



Original Color

56.0583, 45.2507, 53.3566

Protanomaly

48.0060, 44.9228, 58.9641

Deuteranomaly

49.5456, 45.0315, 52.5350

Tritanomaly

54.9178, 45.2928, 47.4429

Monochromacy



Original Color

56.0583, 45.2507, 53.3566

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.6024, 46.2273, 52.2601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0583, 45.2507, 53.3566 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(238, 155, 188)` looks like.

```
.text, #text, p{  
    color:rgb(238, 155, 188)  
}
```

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(238, 155, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 155, 188) }
```

Border

The CSS property to change the border of an element to XYZ 56.0583, 45.2507, 53.3566 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(238, 155, 188) }
```


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

```
.border{ border-color:rgb(238, 155, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 155, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 155, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 155, 188);  
box-shadow:4px 4px 4px 4px rgb(238, 155,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0583, 45.2507, 53.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 155, 188) }
```

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

```
.background{ background-color: rgb(238,  
155, 188) }
```

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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