

Converting Colors

XYZ(55.9116, 45.0470, 55.0727)

Have a look what the booklet for
XYZ(55.9116, 45.0470, 55.0727)
contains.

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Color

**XYZ(56.0504, 45.2088,
55.0622)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ED9BBF |
| RGB | 237, 155, 191 |
| RGB Percent | 93%, 61%, 75% |
| CMY | 0.0706, 0.3921, 0.2510 |
| CMYK | 0.00, 0.35, 0.19, 0.07 |
| HSL | 334°, 69%, 77% |
| HSV | 334°, 35%, 93% |
| XYZ | 56.0504, 45.2088, 55.0622 |
| YIQ | 183.6220, 37.3160, 28.5800 |

Conversions

Conversions Part 2

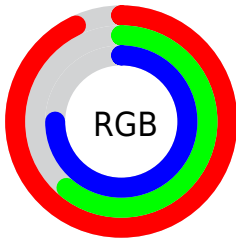
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 237, 155, 191 |
| Decimal | 15571903 |
| CIELab | 73.03, 35.55, -5.84 |
| CIELCh | 73, 36.023, 350.666 |
| Yxy | 45.2088, 0.3586, 0.2892 |
| Android (android.graphics.Color) | 4293761983 (0xFFED9BBF) |
| YUV | 183.6220, 3.6374, 46.8125 |
| Hunter-Lab | 67.2375, 31.1353, -1.4876 |

Details

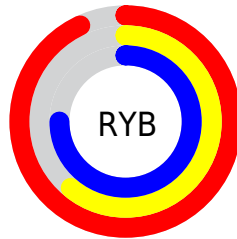
The XYZ color **56.0504, 45.2088, 55.0622** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.3464, 71.7553, 66.2476**, and the grayscale version is **45.3189, 47.6790, 51.9224**.

A 20% lighter version of the original color is **81.0751, 74.0686, 98.0192**, and **28.1612, 21.0410, 26.6218** is the 20% darker color. If you saturate the color by 10%, you get **51.0890, 37.5220, 46.5142**, and if you desaturate by 10%, it is **61.9213, 54.5010, 64.5698**.

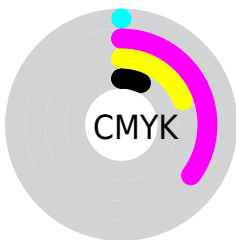
Distribution



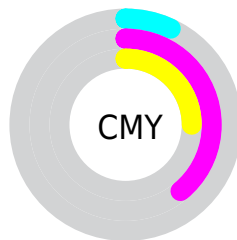
- Red (93%)
- Green (61%)
- Blue (75%)



- Red (93%)
- Yellow (61%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0504, 45.2088, 55.0622 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 56.0504, 45.2088, 55.0622 by changing the saturation by 10% instead.


 56.0504, 45.2088,
55.0622


 56.0504, 45.2088,
55.0622


399.9534,
367.6185, 423.4363

 40.4805, 31.6219,
39.0526

 98.2176, 83.0336,
99.1041

 28.0993, 21.0729,
26.4925


 125.5457,
108.0404, 127.9736

 18.5413, 13.1773,
16.9634


157.5238,
137.6226, 161.9667

 11.4414, 7.5507,
10.0467

194.5174,
172.1646, 201.5020

 6.4340, 3.8089,
5.3239

236.8918,
212.0508, 246.9980

 3.1539, 1.5672,
2.3765

285.0124,

 1.2357, 0.3353,

257.6656, 298.8734

0.7736

339.2444,
309.3934, 357.5467

■ 0.1342, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0504, 45.2088,
55.0622

■ 56.0504, 45.2088,
55.0622

■ 51.0890, 37.5220,
46.5142

■ 61.9213, 54.5010,
64.5698

■ 46.9842, 31.3419,
38.8892

■ 68.7429, 65.4771,
75.0659

■ 43.6834, 26.5687,
32.1523

■ 76.5586, 78.2183,
86.5815

■ 41.1262, 23.0876,
26.2642

■ 85.4079, 92.7983,
99.1454

■ 39.2428, 20.7657,
21.1820

■ 88.7353, 96.7447,
108.6045

■ 37.9484, 19.4402,
16.8563

■ 37.4261, 19.0050,
14.8035

Harmonies

Analogous

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



53.0252, 45.2088, 74.6205



56.0504, 45.2088, 55.0622



55.3153, 45.2088, 37.9790

Triad

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



56.0504, 45.2088, 55.0622



38.8389, 45.2088, 23.3977



35.7469, 45.2088, 81.1896

Complementary

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



56.0504, 45.2088, 55.0622



54.3464, 71.7553, 66.2476

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.



32.6127, 45.2088, 62.4963



56.0504, 45.2088, 55.0622



34.2732, 45.2088, 30.3638

Square

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



56.0504, 45.2088, 55.0622



44.9623, 45.2088, 22.3355



32.1009, 45.2088, 43.8151



41.0367, 45.2088, 91.9520

Rectangle

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



56.0504, 45.2088, 55.0622



52.8174, 45.2088, 29.9189



32.1009, 45.2088, 43.8151



34.4289, 45.2088, 75.4378

Sweetspot

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



56.0517, 45.2109, 55.0631



85.2294, 83.9083, 94.6837



50.8554, 41.8526, 85.5193



17.9681, 17.5129, 19.8598



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.



56.0517, 45.2109, 55.0631



61.6551, 46.3448, 57.2759



53.2585, 45.2040, 36.9311



15.3401, 15.1639, 17.0765



20.4966, 10.4013, 8.4164



1.6571, 0.8358, 0.9115

Inverse Universe

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



56.0517, 45.2109, 55.0631



61.6551, 46.3448, 57.2759



57.9158, 71.3054, 90.8322



15.3401, 15.1639, 17.0765



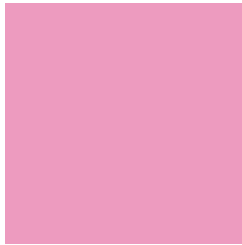
20.4966, 10.4013, 8.4164



1.6571, 0.8358, 0.9115

Previews

White Background



This preview shows how the XYZ color 56.0504, 45.2088, 55.0622 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 56.0504, 45.2088, 55.0622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

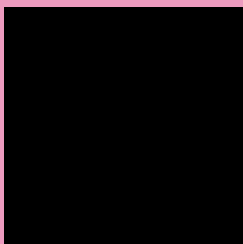
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0504, 45.2088, 55.0622

Background



This preview shows how black text looks on a background with the XYZ color 56.0504, 45.2088, 55.0622.



This preview shows how white text looks on a background with the XYZ color 56.0504, 45.2088,

55.0622.

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

56.0504, 45.2088, 55.0622

Protanopia

44.7402, 45.4110, 64.7997

Deuteranopia

46.2055, 45.2404, 53.8739



Tritanopia

54.0098, 45.3987, 44.4443

Trichromacy



Original Color

56.0504, 45.2088, 55.0622

Protanomaly

48.2060, 44.9723, 61.3981

Deuteranomaly

49.2985, 44.8669, 54.2060

Tritanomaly

54.8548, 45.5009, 48.0109

Monochromacy



Original Color

56.0504, 45.2088, 55.0622

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.5418, 46.1715, 53.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0504, 45.2088, 55.0622 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(237, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(237, 155, 191)  
}
```

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(237, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 155, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.0504, 45.2088, 55.0622 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(237, 155, 191) }
```


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

```
.border{ border-color:rgb(237, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(237, 155,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0504, 45.2088, 55.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 155, 191) }
```

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

```
.background{ background-color: rgb(237,  
155, 191) }
```

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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