

Converting Colors

XYZ(55.0450, 45.8206, 53.8494)

Have a look what the booklet for
XYZ(55.0450, 45.8206, 53.8494)
contains.

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Color

**XYZ(55.1877, 45.7940,
54.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	E99FBD
RGB	233, 159, 189
RGB Percent	91%, 62%, 74%
CMY	0.0863, 0.3764, 0.2588
CMYK	0.00, 0.32, 0.19, 0.09
HSL	336°, 63%, 77%
HSV	336°, 32%, 91%
XYZ	55.1877, 45.7940, 54.0745
YIQ	184.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

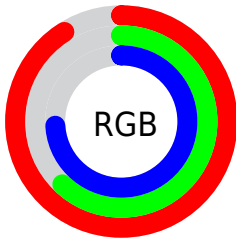
Format	Color
R _Y B	233, 159, 189
Decimal	15310781
CIE Lab	73.41, 31.73, -4.22
CIE LCh	73, 32.015, 352.417
Yxy	45.7940, 0.3559, 0.2953
Android (android.graphics.Color)	4293500861 (0xFFE99FBD)
YUV	184.5460, 2.1958, 42.4942
Hunter-Lab	67.6713, 27.1467, -0.0073

Details

The XYZ color **55.1877, 45.7940, 54.0745** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.2184, 69.9618, 67.1496**, and the grayscale version is **45.8380, 48.2251, 52.5171**.

A 20% lighter version of the original color is **81.7680, 75.9457, 96.7355**, and **27.6061, 21.5231, 25.9919** is the 20% darker color. If you saturate the color by 10%, you get **50.1195, 37.9501, 45.3162**, and if you desaturate by 10%, it is **61.1574, 55.2099, 63.8432**.

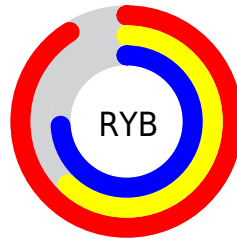
Distribution



Red (91%)

Green (62%)

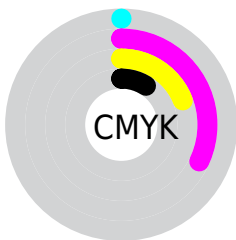
Blue (74%)



Red (91%)

Yellow (62%)

Blue (74%)

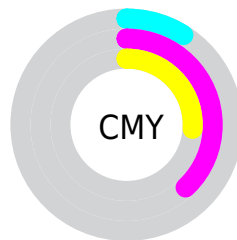


Cyan (0%)

Magenta (32%)

Yellow (19%)

Black (9%)



Cyan (9%)

Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1877, 45.7940, 54.0745 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 55.1877, 45.7940, 54.0745 by changing the saturation by 10% instead.


 55.1877, 45.7940,
54.0745


 55.1877, 45.7940,
54.0745


396.7479,
369.9798, 419.5767

 39.7865, 32.0833,
38.2676

 96.9626, 83.9106,
97.6411

 27.5556, 21.4251,
25.8870


 124.0670,
109.0853, 126.2380

 18.1296, 13.4351,
16.5141


155.8032,
138.8501, 159.9352

 11.1434, 7.7288,
9.7304

192.5365,
173.5895, 199.1515

 6.2313, 3.9219,
5.1173

234.6322,
213.6877, 244.3052

 3.0282, 1.6300,
2.2563

282.4558,

 1.1687, 0.3777,

259.5293, 295.8149

0.7066

336.3726,
311.4985, 354.0992

■ 0.0815, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1877, 45.7940,
54.0745

■ 55.1877, 45.7940,
54.0745

■ 50.1195, 37.9501,
45.3162

■ 61.1574, 55.2099,
63.8432

■ 45.9022, 31.5853,
37.5302

■ 68.0678, 66.2715,
74.6527

■ 42.4864, 26.6064,
30.6798

■ 75.9603, 79.0553,
86.5358

■ 39.8153, 22.9070,
24.7245

■ 84.8727, 93.6312,
99.5226

■ 37.8241, 20.3652,
19.6197

■ 87.4145, 96.0637,
108.5427

■ 36.4357, 18.8344,
15.3157

■ 35.6452, 18.1400,
12.3189

Harmonies

Analogous

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



52.7001, 45.7940, 71.3099



55.1877, 45.7940, 54.0745



54.3429, 45.7940, 38.9286

Triad

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



55.1877, 45.7940, 54.0745



39.5190, 45.7940, 26.3047



37.2397, 45.7940, 78.7541

Complementary

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



55.1877, 45.7940, 54.0745



54.2184, 69.9618, 67.1496

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.



34.2488, 45.7940, 62.6716



55.1877, 45.7940, 54.0745



35.4833, 45.7940, 33.2136

Square

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



55.1877, 45.7940, 54.0745



44.9729, 45.7940, 24.9725



33.6347, 45.7940, 45.8739



42.1101, 45.7940, 87.4295

Rectangle

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



55.1877, 45.7940, 54.0745



52.0348, 45.7940, 31.7059



33.6347, 45.7940, 45.8739



35.9990, 45.7940, 73.8885

Sweetspot

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



55.1890, 45.7961, 54.0754



85.1018, 83.8573, 94.0119



51.5102, 43.2616, 82.7267



17.9373, 17.5006, 19.6977



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.



55.1890, 45.7961, 54.0754



63.6056, 49.7965, 59.3114



53.3491, 46.7995, 39.0248



15.3185, 15.1553, 16.9627



20.2834, 10.3161, 7.2939



1.6393, 0.8287, 0.8179

Inverse Universe

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



55.1890, 45.7961, 54.0754



63.6056, 49.7965, 59.3114



56.4311, 68.1024, 87.2621



15.3185, 15.1553, 16.9627



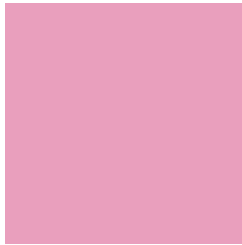
20.2834, 10.3161, 7.2939



1.6393, 0.8287, 0.8179

Previews

White Background



This preview shows how the XYZ color 55.1877, 45.7940, 54.0745 looks on a white background.

Color Contrast Check

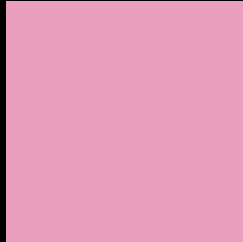
Large Text (above 18pt) WCAG AA × Fail

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 55.1877, 45.7940, 54.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

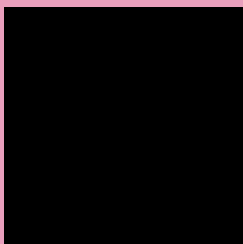
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1877, 45.7940, 54.0745

Background



This preview shows how black text looks on a background with the XYZ color 55.1877, 45.7940, 54.0745.



This preview shows how white text looks on a background with the XYZ color 55.1877, 45.7940,

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

55.1877, 45.7940, 54.0745

Protanopia

45.1409, 45.9694, 62.3709

Deuteranopia

46.9578, 45.9409, 52.8469



Tritanopia

53.5153, 45.8856, 46.0806

Trichromacy



Original Color

55.1877, 45.7940, 54.0745

Protanomaly

48.1193, 45.5420, 59.0777

Deuteranomaly

49.4521, 45.5191, 53.1934

Tritanomaly

54.1603, 45.9002, 48.6529

Monochromacy



Original Color

55.1877, 45.7940, 54.0745

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.7454, 47.1524, 52.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1877, 45.7940, 54.0745 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(233, 159, 189)` looks like.

```
.text, #text, p{  
    color:rgb(233, 159, 189)  
}
```

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(233, 159, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 159, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.1877, 45.7940, 54.0745 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(233, 159, 189) }
```


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

```
.border{ border-color:rgb(233, 159, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 159, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 159, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 159, 189);  
box-shadow:4px 4px 4px 4px rgb(233, 159,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1877, 45.7940, 54.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 159, 189) }
```

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

```
.background{ background-color: rgb(233,  
159, 189) }
```

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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