

Converting Colors

XYZ(55.1631, 45.6919, 60.5042)

Have a look what the booklet for
XYZ(55.1631, 45.6919, 60.5042)
contains.

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Color

**XYZ(55.1366, 45.6244,
60.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	E59FC8
RGB	229, 159, 200
RGB Percent	90%, 62%, 78%
CMY	0.1020, 0.3764, 0.2157
CMYK	0.00, 0.31, 0.13, 0.10
HSL	325°, 57%, 76%
HSV	325°, 31%, 90%
XYZ	55.1366, 45.6244, 60.5440
YIQ	184.6040, 28.5590, 27.5910

Conversions

Conversions Part 2

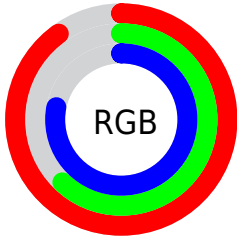
Format	Color
R _Y B	229, 159, 200
Decimal	15048648
CIE Lab	73.30, 32.08, -10.50
CIE LCh	73, 33.755, 341.886
Yxy	45.6244, 0.3418, 0.2828
Android (android.graphics.Color)	4293238728 (0xFFE59FC8)
YUV	184.6040, 7.5902, 38.9353
Hunter-Lab	67.5458, 27.5015, -5.8619

Details

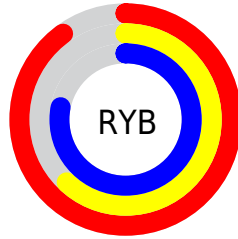
The XYZ color **55.1366, 45.6244, 60.5440** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3964, 67.0418, 57.8114**, and the grayscale version is **45.8435, 48.2309, 52.5235**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **27.4593, 21.3614, 29.8700** is the 20% darker color. If you saturate the color by 10%, you get **50.4829, 38.0364, 53.6909**, and if you desaturate by 10%, it is **60.5913, 54.7031, 68.0046**.

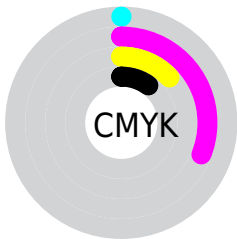
Distribution



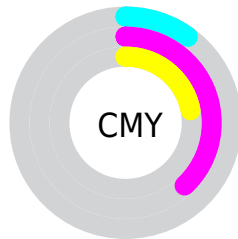
- Red (90%)
- Green (62%)
- Blue (78%)



- Red (90%)
- Yellow (62%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1366, 45.6244, 60.5440 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 55.1366, 45.6244, 60.5440 by changing the saturation by 10% instead.


 55.1366, 45.6244,
60.5440


 55.1366, 45.6244,
60.5440


396.5575,
369.2965, 444.4602

 39.7454, 31.9495,
43.4291

 96.8882, 83.6566,
107.1695

 27.5234, 21.3230,
29.8880


 123.9793,
108.7827, 137.5172

 18.1053, 13.3603,
19.5023


155.7011,
138.4947, 173.1128

 11.1258, 7.6771,
11.8533

192.4189,
173.1770, 214.3751

 6.2194, 3.8890,
6.5225

234.4981,
213.2139, 261.7224

 3.0209, 1.6117,
3.0915

282.3040,

 1.1648, 0.3655,

258.9899, 315.5733

1.1415

336.2020,
310.8893, 376.3464

■ 0.0783, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1366, 45.6244,
60.5440

■ 55.1366, 45.6244,
60.5440

■ 50.4829, 38.0364,
53.6909

■ 60.5913, 54.7031,
68.0046

■ 46.5846, 31.8515,
47.4225

■ 66.8814, 65.3411,
76.0887

■ 43.3975, 26.9829,
41.7183

■ 74.0441, 77.6104,
84.8150

■ 40.8708, 23.3312,
36.5550

■ 82.1132, 91.5767,
94.2003

■ 38.9467, 20.7829,
31.9066

■ 84.9299, 94.9208,
102.1973

■ 37.5564, 19.2024,
27.7432

■ 86.1234, 95.3982,
108.4822

■ 36.6251, 18.3829,
24.2173

Harmonies

Analogous

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



51.4362, 45.6244, 78.1879



55.1366, 45.6244, 60.5440



55.5140, 45.6244, 43.2472

Triad

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



55.1366, 45.6244, 60.5440



41.0571, 45.6244, 24.0733



35.4136, 45.6244, 74.8401

Complementary

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



55.1366, 45.6244, 60.5440



51.3964, 67.0418, 57.8114

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.



33.1313, 45.6244, 56.7150



55.1366, 45.6244, 60.5440



36.1850, 45.6244, 29.1069

Square

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



55.1366, 45.6244, 60.5440



47.0093, 45.6244, 24.6446



33.4002, 45.6244, 40.1953



39.9134, 45.6244, 87.6512

Rectangle

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



55.1366, 45.6244, 60.5440



53.7909, 45.6244, 34.3399



33.4002, 45.6244, 40.1953



34.3810, 45.6244, 69.0119

Sweetspot

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



55.1379, 45.6265, 60.5449



86.6673, 85.6240, 98.7394



47.0365, 41.0206, 79.5682



18.2789, 17.8645, 20.7964



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.



55.1379, 45.6265, 60.5449



66.3068, 51.5808, 71.3659



51.5959, 44.2097, 41.8927



14.7293, 14.5089, 16.7748



21.0015, 10.5348, 14.1690



1.5979, 0.7969, 1.2892

Inverse Universe

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



55.1379, 45.6265, 60.5449



66.3068, 51.5808, 71.3659



55.5038, 68.6847, 79.4404



14.7293, 14.5089, 16.7748



21.0015, 10.5348, 14.1690



1.5979, 0.7969, 1.2892

Previews

White Background



This preview shows how the XYZ color 55.1366, 45.6244, 60.5440 looks on a white background.

Color Contrast Check

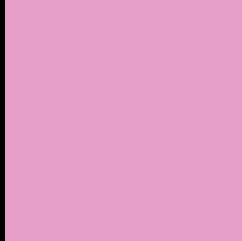
Large Text (above 18pt) WCAG AA × Fail

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 55.1366, 45.6244, 60.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

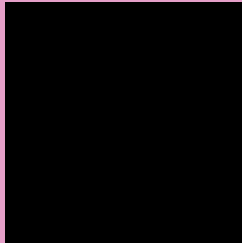
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1366, 45.6244, 60.5440

Background



This preview shows how black text looks on a background with the XYZ color 55.1366, 45.6244, 60.5440.



This preview shows how white text looks on a background with the XYZ color 55.1366, 45.6244,

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

55.1366, 45.6244, 60.5440

Protanopia

45.5859, 46.0430, 69.4353

Deuteranopia

46.6432, 45.6383, 59.1740



Tritanopia

52.2977, 45.4977, 47.0998

Trichromacy



Original Color

55.1366, 45.6244, 60.5440

Protanomaly

48.3858, 45.5284, 65.9122

Deuteranomaly

49.2828, 45.2905, 59.5705

Tritanomaly

53.3558, 45.6743, 51.9028

Monochromacy



Original Color

55.1366, 45.6244, 60.5440

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.9070, 47.1859, 55.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1366, 45.6244, 60.5440 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(229, 159, 200)` looks like.

```
.text, #text, p{  
    color:rgb(229, 159, 200)  
}
```

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(229, 159, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 159, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.1366, 45.6244, 60.5440 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(229, 159, 200) }
```


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

```
.border{ border-color:rgb(229, 159, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 159, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 159, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 159, 200);  
box-shadow:4px 4px 4px 4px rgb(229, 159,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1366, 45.6244, 60.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 159, 200) }
```

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

```
.background{ background-color: rgb(229,  
159, 200) }
```

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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