

Converting Colors

XYZ(54.5313, 45.2827, 60.8258)

Have a look what the booklet for
XYZ(54.5313, 45.2827, 60.8258)
contains.

XYZ(54.6193, 45.3442, 61.1319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.6193, 45.3442,
61.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	E39FC9
RGB	227, 159, 201
RGB Percent	89%, 62%, 79%
CMY	0.1098, 0.3764, 0.2118
CMYK	0.00, 0.30, 0.11, 0.11
HSL	323°, 55%, 76%
HSV	323°, 30%, 89%
XYZ	54.6193, 45.3442, 61.1319
YIQ	184.1200, 27.0460, 27.4780

Conversions

Conversions Part 2

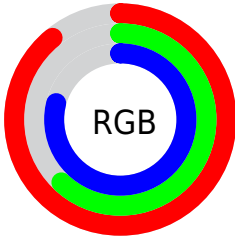
Format	Color
R _Y B	227, 159, 201
Decimal	14917577
CIE Lab	73.12, 31.56, -11.34
CIE LCh	73, 33.540, 340.236
Yxy	45.3442, 0.3390, 0.2815
Android (android.graphics.Color)	4293107657 (0xFFE39FC9)
YUV	184.1200, 8.3218, 37.6058
Hunter-Lab	67.3381, 26.9433, -6.6889

Details

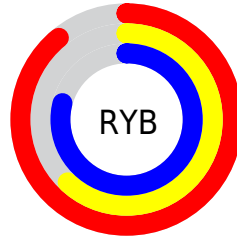
The XYZ color **54.6193, 45.3442, 61.1319** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.5260, 65.8132, 55.9421**, and the grayscale version is **45.5724, 47.9457, 52.2129**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **27.3187, 21.2799, 30.2713** is the 20% darker color. If you saturate the color by 10%, you get **50.0761, 37.8455, 54.7215**, and if you desaturate by 10%, it is **59.9397, 54.3037, 68.0871**.

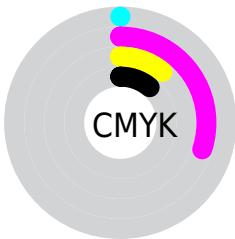
Distribution



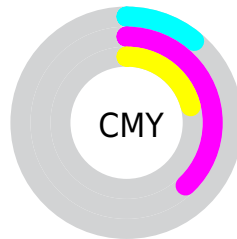
- Red (89%)
- Green (62%)
- Blue (79%)



- Red (89%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6193, 45.3442, 61.1319 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 54.6193, 45.3442, 61.1319 by changing the saturation by 10% instead.


 54.6193, 45.3442,
61.1319

 54.6193, 45.3442,
61.1319


394.6271,
368.1658, 446.6774

 39.3296, 31.7286,
43.9004


 96.1345, 83.2367,
108.0293

 27.1981, 21.1543,
30.2556


 123.0908,
108.2824, 138.5322

 17.8594, 13.2368,
19.7790


154.6667,
137.9069, 174.2961

 10.9482, 7.5918,
12.0520

191.2275,
172.4947, 215.7393

 6.0990, 3.8349,
6.6561

233.1385,
212.4300, 263.2805

 2.9466, 1.5816,
3.1728

280.7653,

 1.1256, 0.3452,

258.0974, 317.3383

1.1835

334.4730,
309.8812, 378.3310

■ 0.0464, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6193, 45.3442,
61.1319

■ 54.6193, 45.3442,
61.1319

■ 50.0761, 37.8455,
54.7215

■ 59.9397, 54.3037,
68.0871

■ 46.2659, 31.7224,
48.8349

■ 66.0704, 64.7907,
75.6012

■ 43.1459, 26.8906,
43.4537

■ 73.0476, 76.8753,
83.6911

■ 40.6671, 23.2536,
38.5567

■ 80.9039, 90.6215,
92.3721

■ 38.7739, 20.7015,
34.1202

■ 83.8289, 94.4071,
99.7116

■ 37.3999, 19.1035,
30.1169

■ 85.1814, 94.9481,
106.8334

■ 36.4314, 18.2339,
26.5036

■ 85.4888, 95.0710,
108.4525

■ 36.4273, 18.2304,
26.4876

Harmonies

Analogous

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



50.8093, 45.3442, 78.3949



54.6193, 45.3442, 61.1319



55.1897, 45.3442, 43.8470

Triad

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



54.6193, 45.3442, 61.1319



41.1232, 45.3442, 23.9006



35.0419, 45.3442, 73.3388

Complementary

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



54.6193, 45.3442, 61.1319



50.5260, 65.8132, 55.9421

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.



32.9160, 45.3442, 55.3430



54.6193, 45.3442, 61.1319



36.2098, 45.3442, 28.5750

Square

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



54.6193, 45.3442, 61.1319



47.0296, 45.3442, 24.7678



33.3233, 45.3442, 39.2263



39.3924, 45.3442, 86.4771

Rectangle

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



54.6193, 45.3442, 61.1319



53.6059, 45.3442, 34.8155



33.3233, 45.3442, 39.2263



34.0622, 45.3442, 67.5078

Sweetspot

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



54.6206, 45.3463, 61.1328



86.7797, 85.6690, 99.3315



46.0164, 40.5268, 78.0709



18.3067, 17.8756, 20.9424



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.



54.6206, 45.3463, 61.1328



67.2775, 52.6874, 74.2630



51.1525, 43.9590, 42.8696



14.7493, 14.5169, 16.8801



21.3029, 10.6554, 15.7560



1.6192, 0.8054, 1.4012

Inverse Universe

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



54.6206, 45.3463, 61.1328



67.2775, 52.6874, 74.2630



54.4148, 67.3687, 76.4205



14.7493, 14.5169, 16.8801



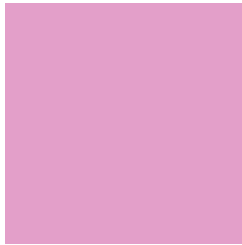
21.3029, 10.6554, 15.7560



1.6192, 0.8054, 1.4012

Previews

White Background



This preview shows how the XYZ color 54.6193, 45.3442, 61.1319 looks on a white background.

Color Contrast Check

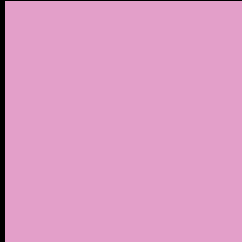
Large Text (above 18pt) WCAG AA × Fail

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 54.6193, 45.3442, 61.1319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

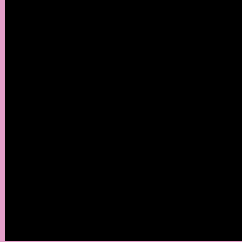
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6193, 45.3442, 61.1319

Background



This preview shows how black text looks on a background with the XYZ color 54.6193, 45.3442, 61.1319.



This preview shows how white text looks on a background with the XYZ color 54.6193, 45.3442,

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

54.6193, 45.3442, 61.1319

Protanopia

45.2916, 45.5801, 70.0290

Deuteranopia

46.5093, 45.5560, 59.7680



Tritanopia

51.6741, 45.1763, 47.0707

Trichromacy



Original Color

54.6193, 45.3442, 61.1319



Protanomaly

48.0639, 45.0667, 66.4871



Deuteranomaly

49.1254, 45.1960, 60.1673



Tritanomaly

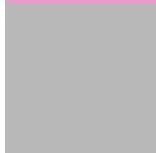
52.7286, 45.3510, 51.8735

Monochromacy



Original Color

54.6193, 45.3442, 61.1319



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.4437, 46.6570, 55.1676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6193, 45.3442, 61.1319 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(227, 159, 201)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 201)  
}
```

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(227, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.6193, 45.3442, 61.1319 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(227, 159, 201) }
```


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

```
.border{ border-color:rgb(227, 159, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6193, 45.3442, 61.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 201) }
```

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

```
.background{ background-color: rgb(227,  
159, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor