

Converting Colors

XYZ(54.6551, 42.3613, 61.1867)

Have a look what the booklet for
XYZ(54.6551, 42.3613, 61.1867)
contains.

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Color

**XYZ(54.6987, 42.4553,
61.1889)**

Conversions

Conversions Part 1	
Format	Color
Hex	E993CA
RGB	233, 147, 202
RGB Percent	91%, 58%, 79%
CMY	0.0863, 0.4235, 0.2078
CMYK	0.00, 0.37, 0.13, 0.09
HSL	322°, 66%, 75%
HSV	322°, 37%, 91%
XYZ	54.6987, 42.4553, 61.1889
YIQ	178.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

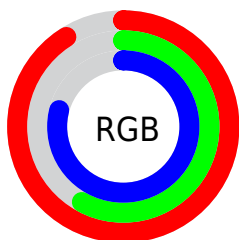
Format	Color
RYB	233, 147, 202
Decimal	15307722
CIELab	71.18, 40.10, -14.73
CIELCh	71, 42.721, 339.834
Yxy	42.4553, 0.3454, 0.2681
Android (android.graphics.Color)	4293497802 (0xFFE993CA)
YUV	178.9840, 11.3469, 47.3720
Hunter-Lab	65.1577, 35.8214, -10.0682

Details

The XYZ color **54.6987, 42.4553, 61.1889** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.2093, 67.6966, 52.5956**, and the grayscale version is **42.7693, 44.9966, 49.0013**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **27.2525, 19.3736, 30.3201** is the 20% darker color. If you saturate the color by 10%, you get **50.4683, 35.5425, 55.0051**, and if you desaturate by 10%, it is **59.7195, 50.8611, 67.9042**.

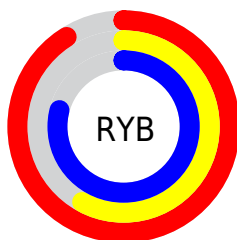
Distribution



Red (91%)

Green (58%)

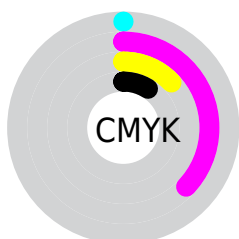
Blue (79%)



Red (91%)

Yellow (58%)

Blue (79%)

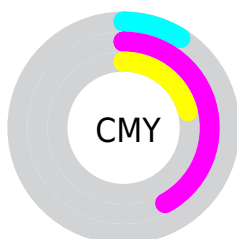


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (9%)



Cyan (9%)


Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6987, 42.4553, 61.1889 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 54.6987, 42.4553, 61.1889 by changing the saturation by 10% instead.


 54.6987, 42.4553,
61.1889


 54.6987, 42.4553,
61.1889


394.9238,
356.3669, 446.8920

 39.3934, 29.4580,
43.9461

 96.2503, 78.8882,
108.1126

 27.2480, 19.4275,
30.2912


 123.2273,
103.0926, 138.6306

 17.8971, 11.9796,
19.8058

154.8256,
131.8015, 174.4107

 10.9754, 6.7298,
12.0713

191.4105,
165.3993, 215.8714

 6.1175, 3.2937,
6.6691

233.3474,
204.2703, 263.4314

 2.9580, 1.2869,
3.1808


281.0017,


 1.1316, 0.1310,

248.7990, 317.5091


1.1877


334.7387,
299.3697, 378.5231


 0.0513, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 54.6987, 42.4553,
61.1889


 54.6987, 42.4553,
61.1889


 50.4683, 35.5425,
55.0051


 59.7195, 50.8611,
67.9042


 46.9791, 30.0274,
49.3308

 65.5686, 60.8360,
75.1663


 44.1820, 25.8128,
44.1458


 72.2858, 72.4580,
82.9930


 42.0203, 22.7863,
39.4267


 79.9074, 85.7981,
91.4004


 40.4273, 20.8163,
35.1468

 85.6934, 95.3753,
99.4788

 39.3180, 19.7343,
31.2732

 86.9983, 95.8973,
106.3504

 39.0301, 19.4940,
30.1426

 87.4146, 96.0638,
108.5427

Harmonies

Analogous

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



49.8257, 42.4553, 83.5786



54.6987, 42.4553, 61.1889



55.4881, 42.4553, 39.8163

Triad

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



54.6987, 42.4553, 61.1889



38.0473, 42.4553, 17.2517



30.6802, 42.4553, 76.3492

Complementary

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



54.6987, 42.4553, 61.1889



49.2093, 67.6966, 52.5956

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.



28.2547, 42.4553, 53.2904



54.6987, 42.4553, 61.1889



32.1633, 42.4553, 22.0854

Square

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



54.6987, 42.4553, 61.1889



45.2852, 42.4553, 18.2215



28.7635, 42.4553, 33.9269



35.7916, 42.4553, 93.9727

Rectangle

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



54.6987, 42.4553, 61.1889



53.5068, 42.4553, 29.2603



28.7635, 42.4553, 33.9269



29.5528, 42.4553, 68.7378

Sweetspot

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



54.7000, 42.4573, 61.1898



85.1598, 82.7566, 97.7821



43.2978, 36.1117, 81.7798



17.9868, 17.2964, 20.6489



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.



54.7000, 42.4573, 61.1898



63.2409, 45.7283, 69.4829



50.3760, 40.7277, 38.4202



15.4710, 15.2162, 17.7655



22.2076, 11.0857, 17.4265



1.7896, 0.8888, 1.6093

Inverse Universe

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



54.7000, 42.4573, 61.1898



63.2409, 45.7283, 69.4829



54.1046, 69.6547, 78.3739



15.4710, 15.2162, 17.7655



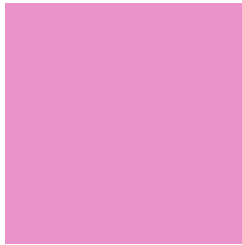
22.2076, 11.0857, 17.4265



1.7896, 0.8888, 1.6093

Previews

White Background



This preview shows how the XYZ color 54.6987, 42.4553, 61.1889 looks on a white background.

Color Contrast Check

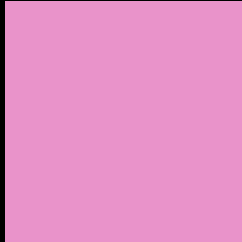
Large Text (above 18pt) WCAG AA × Fail

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 54.6987, 42.4553, 61.1889 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 54.6987, 42.4553, 61.1889

Background



This preview shows how black text looks on a background with the XYZ color 54.6987, 42.4553, 61.1889.



This preview shows how white text looks on a background with the XYZ color 54.6987, 42.4553,

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

54.6987, 42.4553, 61.1889

Protanopia

42.9661, 42.8410, 73.7147

Deuteranopia

43.6238, 42.6504, 59.3592



Tritanopia

50.7516, 42.5224, 41.6091

Trichromacy



Original Color
54.6987, 42.4553, 61.1889



Protanomaly
46.0247, 42.0464, 68.6408



Deuteranomaly
47.0486, 42.2435, 59.7069



Tritanomaly
51.8364, 42.2109, 48.0633

Monochromacy



Original Color
54.6987, 42.4553, 61.1889



Achromatopsia
42.8472, 45.0786, 49.0906



Achromatomaly
46.3415, 43.3674, 52.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6987, 42.4553, 61.1889 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, 147, 202) looks like.

```
.text, #text, p{  
    color:rgb(233, 147, 202)  
}
```

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, 147, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 147, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.6987, 42.4553, 61.1889 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, 147, 202) }
```


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

```
.border{ border-color:rgb(233, 147, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 147, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 147, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 147, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 147,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6987, 42.4553, 61.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 147, 202) }
```

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

```
.background{ background-color: rgb(233,  
147, 202) }
```

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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