

Converting Colors

XYZ(49.5379, 34.0295, 62.9889)

Have a look what the booklet for
XYZ(49.5379, 34.0295, 62.9889)
contains.

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Color

**XYZ(49.5379, 34.0295,
62.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	E377CF
RGB	227, 119, 207
RGB Percent	89%, 47%, 81%
CMY	0.1098, 0.5333, 0.1882
CMYK	0.00, 0.48, 0.09, 0.11
HSL	311°, 66%, 68%
HSV	311°, 48%, 89%
XYZ	49.5379, 34.0295, 62.9889
YIQ	161.3240, 36.1200, 50.2640

Conversions

Conversions Part 2

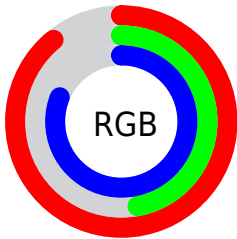
Format	Color
R _Y B	227, 119, 207
Decimal	14907343
CIE Lab	64.99, 53.30, -27.02
CIE LCh	65, 59.758, 333.122
Yxy	34.0295, 0.3380, 0.2322
Android (android.graphics.Color)	4293097423 (0xFFE377CF)
YUV	161.3240, 22.5183, 57.5979
Hunter-Lab	58.3348, 49.4962, -23.1859

Details

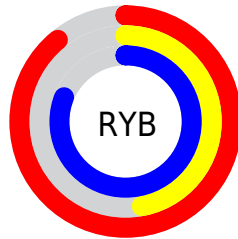
The XYZ color **49.5379, 34.0295, 62.9889** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **39.7386, 60.7255, 34.0551**, and the grayscale version is **33.9147, 35.6809, 38.8565**.

A 20% lighter version of the original color is **74.4261, 58.7521, 102.0254**, and **23.9200, 14.4826, 31.2405** is the 20% darker color. If you saturate the color by 10%, you get **46.6450, 29.0548, 59.5226**, and if you desaturate by 10%, it is **53.0918, 40.3030, 66.7437**.

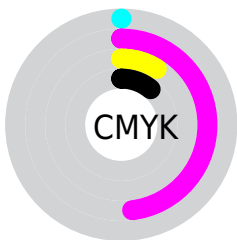
Distribution



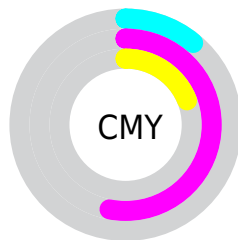
- Red (89%)
- Green (47%)
- Blue (81%)



- Red (89%)
- Yellow (47%)
- Blue (81%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5379, 34.0295, 62.9889 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 49.5379, 34.0295, 62.9889 by changing the saturation by 10% instead.


 49.5379, 34.0295,
62.9889


 49.5379, 34.0295,
62.9889


375.3380,
320.2636, 453.6360


 35.2627, 22.9163,
45.3913

 88.6858, 65.9795,
110.7389

 24.0327, 14.5317,
31.4206


 114.2891, 87.5851,
141.7284

 15.4828, 8.4914,
20.6582


 144.3991,
113.4570, 178.0189

 9.2474, 4.4109,
12.6855

179.3813,
143.9794, 220.0290

 4.9613, 1.9060,
7.0842

219.6009,
179.5369, 268.1773

 2.2591, 0.5520,
3.4356

265.4233,

 0.7736, 0.0000,

220.5139, 322.8821

1.3211

317.2139,
267.2946, 384.5622

■ 0.0000, 0.0000,
0.0790

■ 0.0000, 0.0000,
0.0000

■ 49.5379, 34.0295,
62.9889

■ 49.5379, 34.0295,
62.9889

■ 46.6450, 29.0548,
59.5226

■ 53.0918, 40.3030,
66.7437

■ 44.3630, 25.2807,
56.3267


■ 57.3455, 47.9548,
70.7994


■ 42.6400, 22.6030,
53.3835

■ 62.3388, 57.0635,
75.1703


■ 41.4136, 20.8971,
50.6719


■ 68.1074, 67.7004,
79.8686


 40.5996, 19.9949,
48.1631


 74.6847, 79.9322,
84.9061

 40.4318, 19.8322,
47.5745

 82.0364, 93.6901,
90.2717

 82.6417, 93.9322,
93.4590

 83.2613, 94.1801,
96.7220

 83.8955, 94.4337,
100.0614

Harmonies

Analogous

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



42.2960, 34.0295, 92.8811



49.5379, 34.0295, 62.9889



51.9268, 34.0295, 34.5214

Triad

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



49.5379, 34.0295, 62.9889



31.4478, 34.0295, 6.9585



20.3316, 34.0295, 69.5996

Complementary

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



49.5379, 34.0295, 62.9889



39.7386, 60.7255, 34.0551

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.



18.4315, 34.0295, 39.7041



49.5379, 34.0295, 62.9889



24.0901, 34.0295, 9.7847

Square

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



49.5379, 34.0295, 62.9889



40.4498, 34.0295, 8.7565



19.6749, 34.0295, 19.4382



25.4006, 34.0295, 97.7447

Rectangle

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



49.5379, 34.0295, 62.9889



50.1518, 34.0295, 21.3349



19.6749, 34.0295, 19.4382



19.3464, 34.0295, 59.0488

Sweetspot

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



49.5390, 34.0311, 62.9896



83.6535, 78.8812, 99.9398



31.0776, 24.2132, 75.7096



17.5687, 16.2648, 21.1122



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.



49.5390, 34.0311, 62.9896



60.7932, 37.9424, 77.5776



44.0431, 31.8327, 34.0485



14.8746, 14.5670, 17.5400



23.6201, 11.5822, 27.9579



1.7752, 0.8678, 2.2229

Inverse Universe

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



49.5390, 34.0311, 62.9896



60.7932, 37.9424, 77.5776



44.6816, 62.7027, 60.0846



14.8746, 14.5670, 17.5400



23.6201, 11.5822, 27.9579



1.7752, 0.8678, 2.2229

Previews

White Background



This preview shows how the XYZ color 49.5379, 34.0295, 62.9889 looks on a white background.

Color Contrast Check

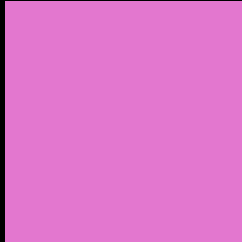
Large Text (above 18pt) WCAG AA × Fail

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 49.5379, 34.0295, 62.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

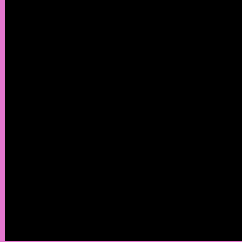
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5379, 34.0295, 62.9889

Background



This preview shows how black text looks on a background with the XYZ color 49.5379, 34.0295, 62.9889.



This preview shows how white text looks on a background with the XYZ color 49.5379, 34.0295,

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

49.5379, 34.0295, 62.9889

Protanopia

36.2439, 34.6004, 83.3655

Deuteranopia

35.0265, 34.2390, 60.0210



Tritanopia

42.8607, 33.9739, 30.2852

Trichromacy



Original Color

49.5379, 34.0295, 62.9889

Protanomaly

39.1390, 33.1882, 75.5773

Deuteranomaly

39.0429, 33.2415, 60.8584

Tritanomaly

45.0335, 33.8795, 40.2423

Monochromacy



Original Color

49.5379, 34.0295, 62.9889

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.3223, 34.0864, 46.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5379, 34.0295, 62.9889 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, 119, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 119, 207)  
}
```

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, 119, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 119, 207) }
```

Border

The CSS property to change the border of an element to XYZ 49.5379, 34.0295, 62.9889 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, 119, 207) }
```


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

```
.border{ border-color:rgb(227, 119, 207) }
```

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

Here you see how a box with a 4 pixel rgb(227, 119, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 119, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 119, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 119,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5379, 34.0295, 62.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 119, 207) }
```

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

```
.background{ background-color: rgb(227,  
119, 207) }
```

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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