

Converting Colors

XYZ(62.0485, 53.4278, 76.2748)

Have a look what the booklet for
XYZ(62.0485, 53.4278, 76.2748)
contains.

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Color

**XYZ(61.9889, 53.4804,
76.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B0DE
RGB	232, 176, 222
RGB Percent	91%, 69%, 87%
CMY	0.0902, 0.3098, 0.1294
CMYK	0.00, 0.24, 0.04, 0.09
HSL	311°, 55%, 80%
HSV	311°, 24%, 91%
XYZ	61.9889, 53.4804, 76.1628
YIQ	197.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

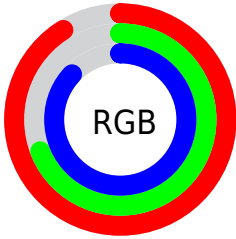
Format	Color
R _Y B	232, 176, 222
Decimal	15249630
CIE Lab	78.16, 27.75, -15.20
CIE LCh	78, 31.642, 331.296
Yxy	53.4804, 0.3235, 0.2791
Android (android.graphics.Color)	4293439710 (0xFFE8B0DE)
YUV	197.9880, 11.8379, 29.8285
Hunter-Lab	73.1303, 23.3275, -10.5574

Details

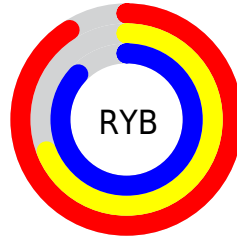
The XYZ color **61.9889, 53.4804, 76.1628** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.6262, 70.4902, 57.1317**, and the grayscale version is **53.5930, 56.3840, 61.4022**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **31.9625, 26.1860, 39.9290** is the 20% darker color. If you saturate the color by 10%, you get **57.2748, 44.9293, 71.8856**, and if you desaturate by 10%, it is **67.4972, 63.5964, 80.7733**.

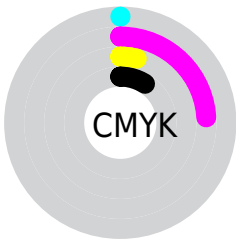
Distribution



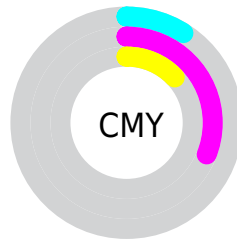
- Red (91%)
- Green (69%)
- Blue (87%)



- Red (91%)
- Yellow (69%)
- Blue (87%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9889, 53.4804, 76.1628 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 61.9889, 53.4804, 76.1628 by changing the saturation by 10% instead.

61.9889, 53.4804,
76.1628

61.9889, 53.4804,
76.1628

421.6088,
400.1255, 501.2665

45.2793, 38.1864,
56.0586

106.7995, 95.3109,
129.7192

31.8797, 26.1274,
39.8456

135.6312,
122.6162, 164.0084

21.4247, 16.9190,
27.1053

169.2344,
154.6941, 203.8631

13.5490, 10.1767,
17.4192

207.9743,
191.9289, 249.7017

7.8873, 5.5163,
10.3687

252.2163,
234.7050, 301.9428

4.0741, 2.5533,
5.5353

302.3259,

1.7441, 0.9032,

283.4069, 361.0049

2.5005

358.6682,
338.4189, 427.3066

■ 0.4837, 0.0000,
0.8404

■ 0.0000, 0.0000,
0.0000

■ 61.9889, 53.4804,
76.1628

■ 61.9889, 53.4804,
76.1628

■ 57.2748, 44.9293,
71.8856

■ 67.4972, 63.5964,
80.7733

■ 53.3105, 37.8569,
67.9246

■ 73.8317, 75.3437,
85.7264

■ 50.0545, 32.1795,
64.2661

■ 81.0285, 88.7933,
91.0352

■ 47.4593, 27.8024,
60.8937

■ 84.5564, 94.8829,
95.1897

45.4714, 24.6187,
57.7892

85.1742, 95.1301,
98.4435

44.0289, 22.5047,
54.9314

85.8063, 95.3829,
101.7716

43.0563, 21.3097,
52.2946

86.4525, 95.6414,
105.1745

42.6357, 20.8987,
50.8281

87.0892, 95.8961,
108.5274

Harmonies

Analogous

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



57.2609, 53.4804, 92.4405



61.9889, 53.4804, 76.1628



63.6680, 53.4804, 57.4641

Triad

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



61.9889, 53.4804, 76.1628



50.5630, 53.4804, 30.3928



41.3342, 53.4804, 77.7697

Complementary

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



61.9889, 53.4804, 76.1628



55.6262, 70.4902, 57.1317

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.



39.8479, 53.4804, 59.0048



61.9889, 53.4804, 76.1628



44.9023, 53.4804, 33.7129

Square

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



61.9889, 53.4804, 76.1628



56.7580, 53.4804, 33.1807



41.1003, 53.4804, 43.3610



45.3326, 53.4804, 93.4928

Rectangle

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



61.9889, 53.4804, 76.1628



62.7328, 53.4804, 46.7194



41.1003, 53.4804, 43.3610



40.5395, 53.4804, 71.4935

Sweetspot

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



61.9905, 53.4828, 76.1639



89.1086, 88.9316, 104.4085



50.1813, 47.2354, 82.8175



18.9685, 18.8412, 22.2670



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.



61.9905, 53.4828, 76.1639



73.7700, 60.7265, 91.6749



58.6187, 52.1340, 58.4081



14.8789, 14.5687, 17.5624



23.7118, 11.6190, 28.4412



1.7812, 0.8702, 2.2544

Inverse Universe

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



61.9905, 53.4828, 76.1639



73.7700, 60.7265, 91.6749



58.8157, 71.7660, 73.9270



14.8789, 14.5687, 17.5624



23.7118, 11.6190, 28.4412



1.7812, 0.8702, 2.2544

Previews

White Background



This preview shows how the XYZ color 61.9889, 53.4804, 76.1628 looks on a white background.

Color Contrast Check

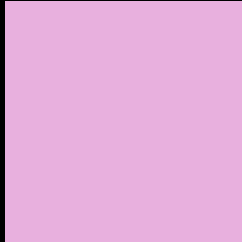
Large Text (above 18pt) WCAG AA × Fail

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 61.9889, 53.4804, 76.1628 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 61.9889, 53.4804, 76.1628

Background



This preview shows how black text looks on a background with the XYZ color 61.9889, 53.4804, 76.1628.



This preview shows how white text looks on a background with the XYZ color 61.9889, 53.4804,

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

61.9889, 53.4804, 76.1628

Protanopia

53.5652, 53.8968, 84.6707

Deuteranopia

54.9353, 53.8419, 75.2073



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

61.9889, 53.4804, 76.1628



Protanomaly

56.0589, 53.3315, 81.4681



Deuteranomaly

57.3430, 53.4985, 75.7105



Tritanomaly

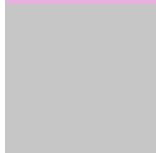
59.4526, 53.3060, 64.9132

Monochromacy



Original Color

61.9889, 53.4804, 76.1628



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.2543, 55.0335, 66.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9889, 53.4804, 76.1628 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(232, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 222)  
}
```

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(232, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.9889, 53.4804, 76.1628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

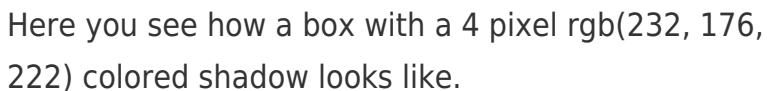
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 176, 222) }
```


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

```
.border{ border-color:rgb(232, 176, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(232, 176, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9889, 53.4804, 76.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 222) }
```

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

```
.background{ background-color: rgb(232,  
176, 222) }
```

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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