

Converting Colors

XYZ(60.3388, 49.7417, 87.0236)

Have a look what the booklet for
XYZ(60.3388, 49.7417, 87.0236)
contains.

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Color

**XYZ(60.6154, 49.9792,
87.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A7EE
RGB	226, 167, 238
RGB Percent	89%, 65%, 93%
CMY	0.1137, 0.3451, 0.0667
CMYK	0.05, 0.30, 0.00, 0.07
HSL	290°, 68%, 79%
HSV	290°, 30%, 93%
XYZ	60.6154, 49.9792, 87.3411
YIQ	192.7350, 12.3730, 34.5890

Conversions

Conversions Part 2

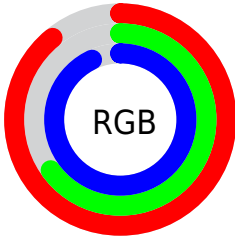
Format	Color
R _Y B	226, 167, 238
Decimal	14854126
CIE Lab	76.06, 33.58, -27.11
CIE LCh	76, 43.162, 321.087
Yxy	49.9792, 0.3062, 0.2525
Android (android.graphics.Color)	4293044206 (0xFFE2A7EE)
YUV	192.7350, 22.3156, 29.1734
Hunter-Lab	70.6960, 29.3297, -23.7625

Details

The XYZ color **60.6154, 49.9792, 87.3411** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1416, 73.5240, 47.7941**, and the grayscale version is **50.4025, 53.0274, 57.7468**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **31.0384, 23.9581, 47.2444** is the 20% darker color. If you saturate the color by 10%, you get **55.4039, 41.4059, 85.9617**, and if you desaturate by 10%, it is **66.6620, 60.1767, 88.9915**.

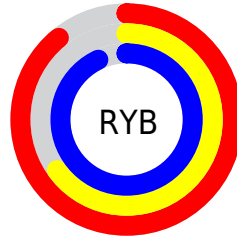
Distribution



Red (89%)

Green (65%)

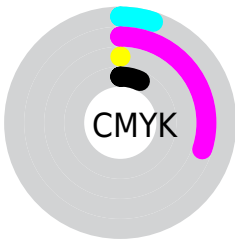
Blue (93%)



Red (89%)

Yellow (65%)

Blue (93%)

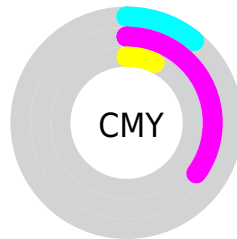


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (11%)


Magenta (35%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6154, 49.9792, 87.3411 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 60.6154, 49.9792, 87.3411 by changing the saturation by 10% instead.


 60.6154, 49.9792,
87.3411


 60.6154, 49.9792,
87.3411


416.6609,
386.5846, 539.6883

 44.1662, 35.3969,
65.2163


 104.8231, 90.1441,
145.5425

 30.9997, 23.9687,
47.1840


 133.3124,
116.4954, 182.4562

 20.7504, 15.3104,
32.8258


166.5457,
147.5385, 225.1367

 13.0531, 9.0376,
21.7230

204.8885,
183.6578, 274.0023

 7.5424, 4.7657,
13.4571

248.7060,
225.2376, 329.4718

 3.8529, 2.1104,
7.6097

298.3637,

 1.6192, 0.6705,

272.6625, 391.9636

3.7620

354.2269,
326.3166, 461.8963

■ 0.4049, 0.0000,
1.4957

■ 0.0000, 0.0000,
0.2147

■ 60.6154, 49.9792,
87.3411

■ 60.6154, 49.9792,
87.3411

■ 55.4039, 41.4059,
85.9617

■ 66.6620, 60.1767,
88.9915

■ 50.9785, 34.3621,
84.8354

■ 73.5798, 72.0734,
90.9232

■ 47.2921, 28.7532,
83.9470

■ 81.4085, 85.7474,
93.1499

■ 44.2909, 24.4713,
83.2787

■ 87.8422, 96.5866,
94.9030

41.9129, 21.3934,
82.8100

89.2388, 97.3066,
94.9683

40.0849, 19.3729,
82.5163

90.6661, 98.0423,
95.0351

38.6850, 18.1666,
82.3573

92.1240, 98.7939,
95.1034

38.6626, 18.1485,
82.3550

92.4328, 98.9531,
95.1178

Harmonies

Analogous

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



53.3021, 49.9792, 107.2416



60.6154, 49.9792, 87.3411



64.5231, 49.9792, 61.5916

Triad

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



60.6154, 49.9792, 87.3411



49.9463, 49.9792, 21.2869



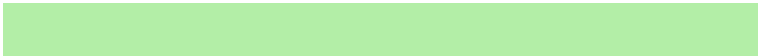
34.4582, 49.9792, 72.0054

Complementary

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



60.6154, 49.9792, 87.3411



56.1416, 73.5240, 47.7941

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.



33.7759, 49.9792, 47.8258



60.6154, 49.9792, 87.3411



42.1419, 49.9792, 22.6169

Square

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



60.6154, 49.9792, 87.3411



57.9217, 49.9792, 26.6683



36.4339, 49.9792, 31.0240



38.4165, 49.9792, 96.7885

Rectangle

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



60.6154, 49.9792, 87.3411



64.3980, 49.9792, 46.3205



36.4339, 49.9792, 31.0240



33.8572, 49.9792, 63.4101

Sweetspot

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



60.6170, 49.9814, 87.3422



86.7480, 85.4931, 106.5375



47.6956, 47.0400, 87.4555



18.2981, 17.8316, 22.7274



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.



60.6170, 49.9814, 87.3422



66.9433, 51.9207, 101.1011



61.4124, 50.7495, 71.1989



16.1768, 15.8884, 19.9358



21.6657, 10.1745, 45.9498



1.8710, 0.8818, 3.8258

Inverse Universe

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



57.2169, 49.0713, 49.1059



62.4806, 50.7686, 49.0031



55.7504, 73.0610, 59.5855



15.8818, 15.8024, 16.9337



19.9192, 10.2401, 2.2251



1.6884, 0.8644, 0.3501

Previews

White Background



This preview shows how the XYZ color 60.6154, 49.9792, 87.3411 looks on a white background.

Color Contrast Check

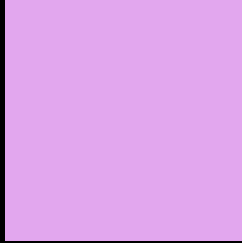
Large Text (above 18pt) WCAG AA × Fail

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 60.6154, 49.9792, 87.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

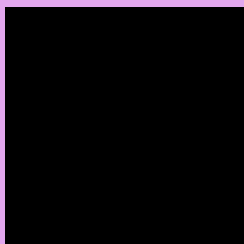
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6154, 49.9792, 87.3411

Background



This preview shows how black text looks on a background with the XYZ color 60.6154, 49.9792, 87.3411.



This preview shows how white text looks on a background with the XYZ color 60.6154, 49.9792,

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

60.6154, 49.9792, 87.3411

Protanopia

51.2818, 50.1612, 99.0747

Deuteranopia

51.4273, 50.2242, 85.5810



Tritanopia

54.0330, 49.8284, 55.4852

Trichromacy



Original Color

60.6154, 49.9792, 87.3411



Protanomaly

53.9441, 49.5033, 94.7076



Deuteranomaly

54.3494, 49.9027, 86.1245



Tritanomaly

56.3303, 49.9217, 65.6984

Monochromacy



Original Color

60.6154, 49.9792, 87.3411



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.8260, 51.8636, 67.4953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6154, 49.9792, 87.3411 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(226, 167, 238)` looks like.

```
.text, #text, p{  
    color:rgb(226, 167, 238)  
}
```

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(226, 167, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 167, 238) }
```

Border

The CSS property to change the border of an element to XYZ 60.6154, 49.9792, 87.3411 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(226, 167, 238) }
```


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

```
.border{ border-color:rgb(226, 167, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 167, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 167, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 167, 238); box-shadow:4px 4px 4px 4px rgb(226, 167, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6154, 49.9792, 87.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 167, 238) }
```

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

```
.background{ background-color: rgb(226,  
167, 238) }
```

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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