

Converting Colors

XYZ(60.6496, 49.5148, 73.4569)

Have a look what the booklet for
XYZ(60.6496, 49.5148, 73.4569)
contains.

XYZ(60.6537, 49.4983, 73.3752)	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(60.6537, 49.4983,
73.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA4DB
RGB	236, 164, 219
RGB Percent	93%, 64%, 86%
CMY	0.0745, 0.3568, 0.1412
CMYK	0.00, 0.31, 0.07, 0.07
HSL	314°, 65%, 78%
HSV	314°, 31%, 93%
XYZ	60.6537, 49.4983, 73.3752
YIQ	191.7980, 25.2570, 32.3690

Conversions

Conversions Part 2

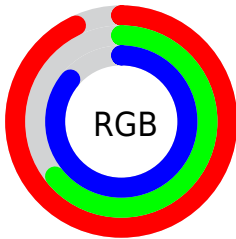
Format	Color
R _Y B	236, 164, 219
Decimal	15508699
CIE Lab	75.76, 34.95, -17.14
CIE LCh	76, 38.927, 333.880
Yxy	49.4983, 0.3305, 0.2697
Android (android.graphics.Color)	4293698779 (0xFFECA4DB)
YUV	191.7980, 13.4106, 38.7652
Hunter-Lab	70.3550, 30.7651, -12.5867

Details

The XYZ color **60.6537, 49.4983, 73.3752** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.6478, 71.2210, 54.6386**, and the grayscale version is **49.9005, 52.4992, 57.1716**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **30.9757, 23.6329, 38.0510** is the 20% darker color. If you saturate the color by 10%, you get **56.0946, 41.5338, 68.2966**, and if you desaturate by 10%, it is **66.0240, 59.0443, 78.8464**.

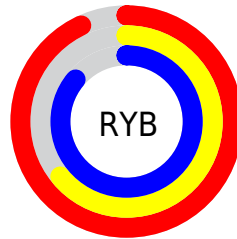
Distribution



Red (93%)

Green (64%)

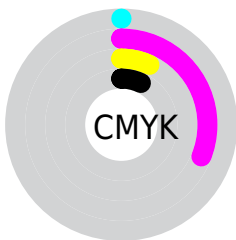
Blue (86%)



Red (93%)

Yellow (64%)

Blue (86%)

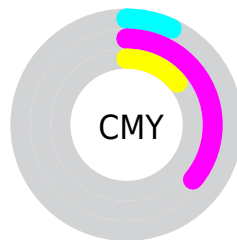


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6537, 49.4983, 73.3752 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 60.6537, 49.4983, 73.3752 by changing the saturation by 10% instead.


 60.6537, 49.4983,
73.3752


 60.6537, 49.4983,
73.3752


416.7993,
384.7007, 491.4198

 44.1972, 35.0149,
53.7891

 104.8783, 89.4311,
125.7356

 31.0242, 23.6744,
38.0411


 133.3772,
115.6493, 159.3469

 20.7692, 15.0922,
25.7125


166.6209,
146.5479, 198.4705

 13.0669, 8.8842,
16.3848

204.9748,
182.5113, 243.5247

 7.5519, 4.6657,
9.6396

248.8042,
223.9239, 294.9283

 3.8590, 2.0525,
5.0582

298.4745,

 1.6227, 0.6377,

271.1701, 353.0996

2.2221

354.3511,
324.6342, 418.4572

■ 0.4071, 0.0000,
0.6871

■ 0.0000, 0.0000,
0.0000

■ 60.6537, 49.4983,
73.3752

■ 60.6537, 49.4983,
73.3752

■ 56.0946, 41.5338,
68.2966

■ 66.0240, 59.0443,
78.8464

■ 52.2985, 35.0573,
63.5919

■ 72.2413, 70.2453,
84.7218

■ 49.2191, 29.9755,
59.2448

■ 79.3447, 83.1785,
91.0160

■ 46.8029, 26.1821,
55.2365

■ 86.2732, 95.7213,
97.3765

■ 44.9888, 23.5551,
51.5453

■ 87.1199, 96.0600,
101.8355

■ 43.7039, 21.9492,
48.1457

■ 87.9924, 96.4090,
106.4298

■ 42.8587, 21.1396,
45.1485

■ 88.4024, 96.5730,
108.5889

Harmonies

Analogous

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



55.2230, 49.4983, 94.1291



60.6537, 49.4983, 73.3752



62.3112, 49.4983, 51.2476

Triad

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



60.6537, 49.4983, 73.3752



46.1128, 49.4983, 23.1501



36.4309, 49.4983, 79.2536

Complementary

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



60.6537, 49.4983, 73.3752



53.6478, 71.2210, 54.6386

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.



34.5038, 49.4983, 56.6325



60.6537, 49.4983, 73.3752



39.7201, 49.4983, 27.1547

Square

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



60.6537, 49.4983, 73.3752



53.4309, 49.4983, 25.4854



35.6439, 49.4983, 38.2097



41.1923, 49.4983, 98.0878

Rectangle

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



60.6537, 49.4983, 73.3752



60.9259, 49.4983, 39.3410



35.6439, 49.4983, 38.2097



35.4536, 49.4983, 71.6579

Sweetspot

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



60.6552, 49.5005, 73.3762



87.3003, 85.8772, 102.0731



47.4272, 42.4093, 85.0438



18.4353, 17.9270, 21.6199



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.



60.6552, 49.5005, 73.3762



68.5920, 52.4949, 83.3997



56.4374, 47.8134, 51.1657



15.5539, 15.2494, 18.2019



23.6769, 11.6735, 25.1639



1.8959, 0.9313, 2.1690

Inverse Universe

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



60.6552, 49.5005, 73.3762



68.5920, 52.4949, 83.3997



57.8054, 72.8841, 76.5322



15.5539, 15.2494, 18.2019



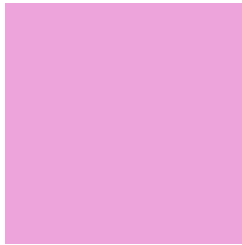
23.6769, 11.6735, 25.1639



1.8959, 0.9313, 2.1690

Previews

White Background



This preview shows how the XYZ color 60.6537, 49.4983, 73.3752 looks on a white background.

Color Contrast Check

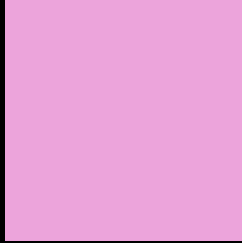
Large Text (above 18pt) WCAG AA × Fail

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 60.6537, 49.4983, 73.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

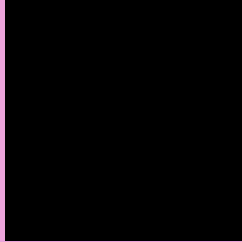
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6537, 49.4983, 73.3752

Background



This preview shows how black text looks on a background with the XYZ color 60.6537, 49.4983, 73.3752.



This preview shows how white text looks on a background with the XYZ color 60.6537, 49.4983,

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

60.6537, 49.4983, 73.3752

Protanopia

49.7361, 49.6951, 84.0615

Deuteranopia

50.8608, 49.6202, 71.8628



Tritanopia

56.4934, 49.7423, 51.9711

Trichromacy



Original Color

60.6537, 49.4983, 73.3752



Protanomaly

52.7517, 48.9160, 80.0602



Deuteranomaly

53.8668, 49.0796, 72.2799



Tritanomaly

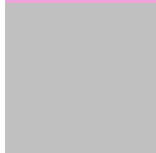
57.6849, 49.3601, 59.3105

Monochromacy



Original Color

60.6537, 49.4983, 73.3752



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.4010, 51.1301, 62.9317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6537, 49.4983, 73.3752 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(236, 164, 219)` looks like.

```
.text, #text, p{  
    color:rgb(236, 164, 219)  
}
```

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(236, 164, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 164, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.6537, 49.4983, 73.3752 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(236, 164, 219) }
```


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

```
.border{ border-color:rgb(236, 164, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 164, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 164, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 164, 219);  
box-shadow:4px 4px 4px 4px rgb(236, 164,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6537, 49.4983, 73.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 164, 219) }
```

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

```
.background{ background-color: rgb(236,  
164, 219) }
```

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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