

Converting Colors

XYZ(60.7401, 48.8714, 73.1531)

Have a look what the booklet for
XYZ(60.7401, 48.8714, 73.1531)
contains.

XYZ(60.7909, 48.7814, 73.2295)	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(60.7909, 48.7814,
73.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA1DB
RGB	238, 161, 219
RGB Percent	93%, 63%, 86%
CMY	0.0667, 0.3686, 0.1412
CMYK	0.00, 0.32, 0.08, 0.07
HSL	315°, 69%, 78%
HSV	315°, 32%, 93%
XYZ	60.7909, 48.7814, 73.2295
YIQ	190.6350, 27.2740, 34.3620

Conversions

Conversions Part 2

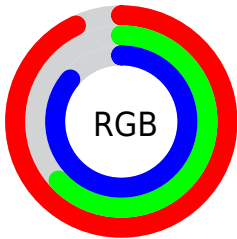
Format	Color
R _Y B	238, 161, 219
Decimal	15639003
CIE Lab	75.32, 37.19, -17.79
CIE LCh	75, 41.230, 334.440
Yxy	48.7814, 0.3326, 0.2669
Android (android.graphics.Color)	4293829083 (0xFFEEA1DB)
YUV	190.6350, 13.9839, 41.5391
Hunter-Lab	69.8437, 33.1373, -13.2736

Details

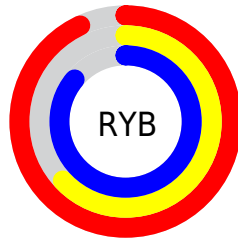
The XYZ color **60.7909, 48.7814, 73.2295** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.5127, 72.0228, 54.2645**, and the grayscale version is **49.2219, 51.7853, 56.3942**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **31.1195, 23.2292, 37.9655** is the 20% darker color. If you saturate the color by 10%, you get **56.2616, 40.9378, 67.9723**, and if you desaturate by 10%, it is **66.1420, 58.2234, 78.8963**.

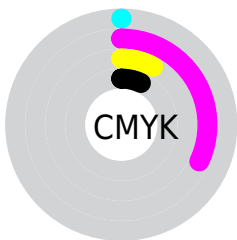
Distribution



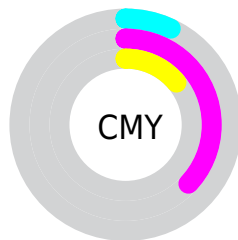
- Red (93%)
- Green (63%)
- Blue (86%)



- Red (93%)
- Yellow (63%)
- Blue (86%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7909, 48.7814, 73.2295 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 60.7909, 48.7814, 73.2295 by changing the saturation by 10% instead.


 60.7909, 48.7814,
73.2295


 60.7909, 48.7814,
73.2295


417.2951,
381.8811, 490.9019

 44.3083, 34.4461,
53.6707


 105.0759, 88.3667,
125.5269

 31.1119, 23.2365,
37.9471


 133.6091,
114.3855, 159.1026

 20.8363, 14.7682,
25.6401


166.8899,
145.0676, 198.1876

 13.1162, 8.6569,
16.3312

205.2836,
180.7973, 243.2005

 7.5862, 4.5181,
9.6020

249.1557,
221.9592, 294.5598

 3.8809, 1.9674,
5.0337

298.8713,

 1.6350, 0.5884,

268.9375, 352.6842

2.2080

354.7960,
322.1167, 417.9920

■ 0.4150, 0.0000,
0.6790

■ 0.0000, 0.0000,
0.0000

■ 60.7909, 48.7814,
73.2295

■ 60.7909, 48.7814,
73.2295

■ 56.2616, 40.9378,
67.9723

■ 66.1420, 58.2234,
78.8963

■ 52.5043, 34.5957,
63.1052

■ 72.3522, 69.3404,
84.9849

■ 49.4707, 29.6583,
58.6112

■ 79.4619, 82.2117,
91.5105

■ 47.1050, 26.0142,
54.4702

■ 87.1214, 96.1378,
98.3581

■ 45.3428, 23.5354,
50.6594

■ 88.0204, 96.4974,
103.0921

■ 44.1067, 22.0673,
47.1515

■ 88.9480, 96.8684,
107.9767

■ 43.4242, 21.4429,
44.6411

■ 89.0702, 96.9173,
108.6201

Harmonies

Analogous

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



55.1032, 48.7814, 95.4965



60.7909, 48.7814, 73.2295



62.4618, 48.7814, 49.9493

Triad

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



60.7909, 48.7814, 73.2295



45.2464, 48.7814, 21.4284



35.3570, 48.7814, 80.3814

Complementary

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



60.7909, 48.7814, 73.2295



53.5127, 72.0228, 54.2645

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.



33.3029, 48.7814, 56.4109



60.7909, 48.7814, 73.2295



38.6036, 48.7814, 25.5980

Square

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



60.7909, 48.7814, 73.2295



52.9401, 48.7814, 23.6632



34.4239, 48.7814, 37.0683



40.3586, 48.7814, 100.3530

Rectangle

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



60.7909, 48.7814, 73.2295



60.9352, 48.7814, 37.6530



34.4239, 48.7814, 37.0683



34.3253, 48.7814, 72.3175

Sweetspot

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



60.7924, 48.7836, 73.2305



86.4511, 84.3970, 101.1172



46.7624, 41.2452, 86.3861



18.2640, 17.6313, 21.4181



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.



60.7924, 48.7836, 73.2305



67.4006, 50.6252, 81.4204



56.4019, 47.0274, 50.1105



16.2778, 15.9608, 19.0193



24.2802, 11.9845, 25.1897



2.0590, 1.0126, 2.3015

Inverse Universe

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



60.7924, 48.7836, 73.2305



67.4006, 50.6252, 81.4204



57.8594, 73.7615, 77.1537



16.2778, 15.9608, 19.0193



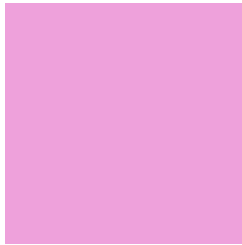
24.2802, 11.9845, 25.1897



2.0590, 1.0126, 2.3015

Previews

White Background



This preview shows how the XYZ color 60.7909, 48.7814, 73.2295 looks on a white background.

Color Contrast Check

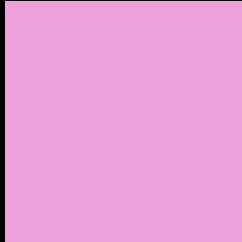
Large Text (above 18pt) WCAG AA × Fail

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 60.7909, 48.7814, 73.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

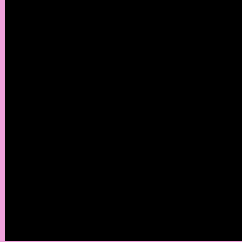
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7909, 48.7814, 73.2295

Background



This preview shows how black text looks on a background with the XYZ color 60.7909, 48.7814, 73.2295.



This preview shows how white text looks on a background with the XYZ color 60.7909, 48.7814,

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

60.7909, 48.7814, 73.2295

Protanopia

49.3695, 49.1634, 85.4847

Deuteranopia

50.0248, 48.9012, 71.0923



Tritanopia

55.9474, 48.6651, 50.1606

Trichromacy



Original Color

60.7909, 48.7814, 73.2295



Protanomaly

52.6941, 48.5781, 80.7280



Deuteranomaly

53.2628, 48.4954, 71.5190



Tritanomaly

57.5664, 48.5126, 57.9595

Monochromacy



Original Color

60.7909, 48.7814, 73.2295



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.8763, 50.2695, 62.1744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7909, 48.7814, 73.2295 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(238, 161, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 161, 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(238, 161, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 161, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.7909, 48.7814, 73.2295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

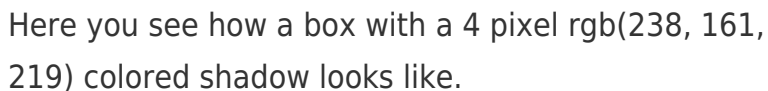
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 161, 219) }
```


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

```
.border{ border-color:rgb(238, 161, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 161, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 161, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 161, 219); box-shadow:4px 4px 4px 4px rgb(238, 161, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7909, 48.7814, 73.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 161, 219) }
```

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

```
.background{ background-color: rgb(238,  
161, 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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