

Converting Colors

XYZ(62.0037, 48.3424, 91.7511)

Have a look what the booklet for
XYZ(62.0037, 48.3424, 91.7511)
contains.

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Color

**XYZ(61.8347, 48.1412,
91.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	E89EF4
RGB	232, 158, 244
RGB Percent	91%, 62%, 96%
CMY	0.0902, 0.3804, 0.0431
CMYK	0.05, 0.35, 0.00, 0.04
HSL	292°, 80%, 79%
HSV	292°, 35%, 96%
XYZ	61.8347, 48.1412, 91.6211
YIQ	189.9300, 16.4980, 42.4340

Conversions

Conversions Part 2

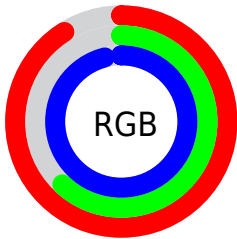
Format	Color
R _Y B	232, 158, 244
Decimal	15245044
CIE _{Lab}	74.91, 41.38, -32.07
CIE _{LCh}	75, 52.349, 322.222
Y _{xy}	48.1412, 0.3067, 0.2388
Android (android.graphics.Color)	4293435124 (0xFFE89EF4)
YUV	189.9300, 26.6565, 36.8954
Hunter-Lab	69.3839, 37.6569, -29.7235

Details

The XYZ color **61.8347, 48.1412, 91.6211** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.1015, 75.7172, 44.0608**, and the grayscale version is **48.7495, 51.2883, 55.8529**.

A 20% lighter version of the original color is **83.3366, 76.5731, 104.9955**, and **31.8079, 22.8480, 50.3106** is the 20% darker color. If you saturate the color by 10%, you get **56.9846, 40.0647, 90.3185**, and if you desaturate by 10%, it is **67.5356, 57.8853, 93.2021**.

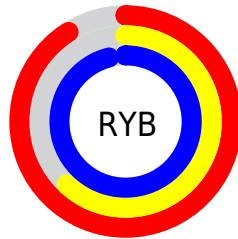
Distribution



Red (91%)

Green (62%)

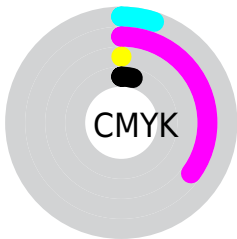
Blue (96%)



Red (91%)

Yellow (62%)

Blue (96%)

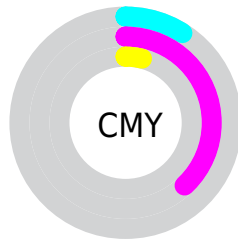


Cyan (5%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (9%)


Magenta (38%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8347, 48.1412, 91.6211 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 61.8347, 48.1412, 91.6211 by changing the saturation by 10% instead.


 61.8347, 48.1412,
91.6211


 61.8347, 48.1412,
91.6211


421.0550,
379.3515, 553.9958

 45.1542, 33.9387,
68.7447

 106.5779, 87.4146,
151.5433

 31.7807, 22.8465,
50.0333

 135.3713,
113.2543, 189.4261

 21.3488, 14.4802,
35.0685


168.9331,
143.7419, 233.1482

 13.4931, 8.4554,
23.4317

207.6286,
179.2617, 283.1280

 7.8483, 4.3877,
14.7043

251.8232,
220.1982, 339.7842

 4.0490, 1.8927,
8.4678

301.8823,

 1.7299, 0.5440,

266.9357, 403.5351

4.3037

358.1711,
319.8587, 474.7995

■ 0.4749, 0.0000,
1.7934

■ 0.0000, 0.0000,
0.4236

■ 61.8347, 48.1412,
91.6211

■ 61.8347, 48.1412,
91.6211

■ 56.9846, 40.0647,
90.3185

■ 67.5356, 57.8853,
93.2021

■ 52.9312, 33.5513,
89.2749

■ 74.1278, 69.3809,
95.0736

■ 49.6217, 28.4942,
88.4733

■ 81.6547, 82.7140,
97.2504

■ 46.9946, 24.7706,
87.8930

■ 89.9622, 97.5759,
99.6812

■ 44.9784, 22.2376,
87.5103

■ 91.1650, 98.1960,
99.7375

■ 43.4848, 20.7190,
87.2959

■ 92.3898, 98.8274,
99.7948

■ 42.8948, 20.2267,
87.2320

■ 93.3293, 99.3117,
99.8388

Harmonies

Analogous

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



53.0481, 48.1412, 117.6136



61.8347, 48.1412, 91.6211



66.4364, 48.1412, 59.8513

Triad

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



61.8347, 48.1412, 91.6211



48.2837, 48.1412, 15.7022



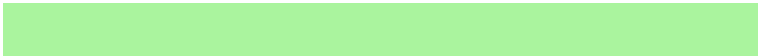
30.7940, 48.1412, 74.8934

Complementary

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



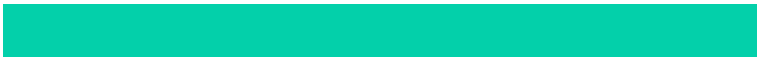
61.8347, 48.1412, 91.6211



55.1015, 75.7172, 44.0608

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.



29.8867, 48.1412, 45.6263



61.8347, 48.1412, 91.6211



39.1661, 48.1412, 17.2824

Square

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



61.8347, 48.1412, 91.6211



57.9349, 48.1412, 20.9014



32.7395, 48.1412, 26.3784



35.4173, 48.1412, 105.8475

Rectangle

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



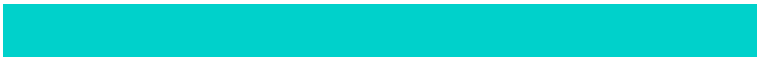
61.8347, 48.1412, 91.6211



66.1204, 48.1412, 42.0674



32.7395, 48.1412, 26.3784



30.0729, 48.1412, 64.3398

Sweetspot

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



61.8363, 48.1433, 91.6221



85.3201, 82.6561, 106.0651



44.9757, 42.8911, 91.4970



18.0245, 17.2720, 22.6338



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.



61.8363, 48.1433, 91.6221



64.5785, 46.9035, 100.2574



61.6614, 48.5388, 69.6720



16.9730, 16.6442, 20.8607



23.4113, 11.0433, 47.4357



2.1189, 1.0022, 4.1720

Inverse Universe

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



56.7924, 46.5912, 44.0321



58.4111, 45.0472, 40.1934



55.5408, 75.6069, 59.3018



16.5933, 16.5202, 17.6048



20.4723, 10.5324, 1.9297



1.8278, 0.9371, 0.3195

Previews

White Background



This preview shows how the XYZ color 61.8347, 48.1412, 91.6211 looks on a white background.

Color Contrast Check

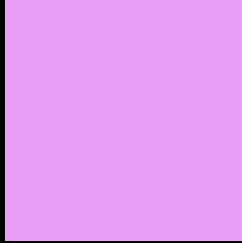
Large Text (above 18pt) WCAG AA × Fail

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 61.8347, 48.1412, 91.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

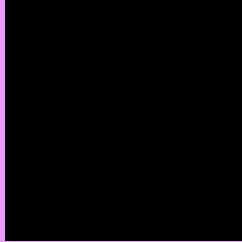
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8347, 48.1412, 91.6211

Background



This preview shows how black text looks on a background with the XYZ color 61.8347, 48.1412, 91.6211.



This preview shows how white text looks on a background with the XYZ color 61.8347, 48.1412,

91.6211.

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

61.8347, 48.1412, 91.6211

Protanopia

49.8822, 48.4624, 101.3329

Deuteranopia

49.6897, 48.6314, 89.2059



Tritanopia

53.6624, 48.0156, 51.2394

Trichromacy



Original Color

61.8347, 48.1412, 91.6211



Protanomaly

53.0952, 47.5435, 97.6452



Deuteranomaly

53.0689, 47.7073, 89.6305



Tritanomaly

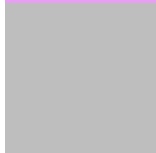
56.3342, 48.0111, 64.0555

Monochromacy



Original Color

61.8347, 48.1412, 91.6211



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.7301, 49.4731, 67.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8347, 48.1412, 91.6211 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, 158, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 158, 244)  
}
```

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, 158, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 158, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.8347, 48.1412, 91.6211 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, 158, 244) }
```


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

```
.border{ border-color:rgb(232, 158, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 158, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 158, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 158, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 158,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8347, 48.1412, 91.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 158, 244) }
```

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

```
.background{ background-color: rgb(232,  
158, 244) }
```

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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