

Converting Colors

XYZ(60.3728, 48.4328, 92.1597)

Have a look what the booklet for
XYZ(60.3728, 48.4328, 92.1597)
contains.

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Color

**XYZ(60.4531, 48.4408,
92.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A2F5
RGB	225, 162, 245
RGB Percent	88%, 64%, 96%
CMY	0.1176, 0.3647, 0.0392
CMYK	0.08, 0.34, 0.00, 0.04
HSL	286°, 81%, 80%
HSV	286°, 34%, 96%
XYZ	60.4531, 48.4408, 92.5500
YIQ	190.2990, 10.9050, 39.1690

Conversions

Conversions Part 2

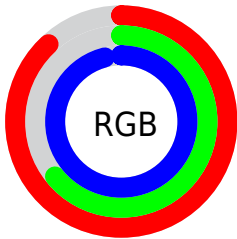
Format	Color
R _Y B	225, 162, 245
Decimal	14787317
CIE Lab	75.10, 37.31, -32.38
CIE LCh	75, 49.404, 319.049
Yxy	48.4408, 0.3001, 0.2405
Android (android.graphics.Color)	4292977397 (0xFFE1A2F5)
YUV	190.2990, 26.9676, 30.4328
Hunter-Lab	69.5994, 33.2436, -30.1214

Details

The XYZ color **60.4531, 48.4408, 92.5500** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **58.4670, 77.8597, 46.1316**, and the grayscale version is **48.9622, 51.5121, 56.0967**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **30.9079, 23.0031, 50.3880** is the 20% darker color. If you saturate the color by 10%, you get **54.7422, 39.7031, 91.1652**, and if you desaturate by 10%, it is **67.0716, 58.8968, 94.2201**.

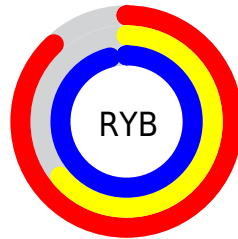
Distribution



Red (88%)

Green (64%)

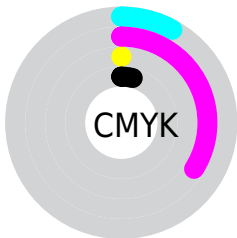
Blue (96%)



Red (88%)

Yellow (64%)

Blue (96%)

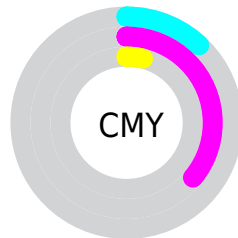


Cyan (8%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (12%)


Magenta (36%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4531, 48.4408, 92.5500 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 60.4531, 48.4408, 92.5500 by changing the saturation by 10% instead.


 60.4531, 48.4408,
92.5500


 60.4531, 48.4408,
92.5500


416.0739,
380.5367, 557.0742

 44.0348, 34.1761,
69.5120

 104.5893, 87.8603,
152.8418

 30.8959, 23.0289,
50.6544


 133.0379,
113.7840, 190.9325

 20.6710, 14.6149,
35.5588


166.2273,
144.3627, 234.8780

 12.9948, 8.5495,
23.8067

204.5228,
179.9809, 285.0967

 7.5020, 4.4485,
14.9794

248.2899,
221.0231, 342.0071

 3.8271, 1.9275,
8.6585

297.8939,

 1.6048, 0.5648,

267.8735, 406.0278

4.4253

353.7001,
320.9165, 477.5773

■ 0.3955, 0.0000,
1.8615

■ 0.0000, 0.0000,
0.4680

■ 60.4531, 48.4408,
92.5500

■ 60.4531, 48.4408,
92.5500

■ 54.7422, 39.7031,
91.1652

■ 67.0716, 58.8968,
94.2201

■ 49.8843, 32.5792,
90.0462

■ 74.6385, 71.1554,
96.1874

■ 45.8264, 26.9626,
89.1759

■ 83.1978, 85.3026,
98.4670

■ 42.5069, 22.7312,
88.5342

■ 91.1719, 98.1820,
100.5327

■ 39.8547, 19.7437,
88.0973

■ 93.3052, 99.2817,
100.6325

■ 37.7830, 17.8276,
87.8366

■ 93.4816, 99.3726,
100.6408

■ 36.7227, 17.0273,
87.7381

Harmonies

Analogous

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



51.9492, 48.4408, 115.1602



60.4531, 48.4408, 92.5500



65.2972, 48.4408, 62.7750

Triad

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



60.4531, 48.4408, 92.5500



49.4225, 48.4408, 17.4170



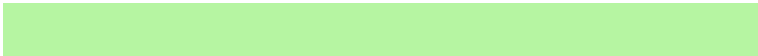
31.4913, 48.4408, 70.7113

Complementary

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



60.4531, 48.4408, 92.5500



58.4670, 77.8597, 46.1316

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.



31.0008, 48.4408, 43.8425



60.4531, 48.4408, 92.5500



40.5996, 48.4408, 18.3005

Square

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



60.4531, 48.4408, 92.5500



58.3964, 48.4408, 23.3774



34.1243, 48.4408, 26.3867



35.5651, 48.4408, 99.9691

Rectangle

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



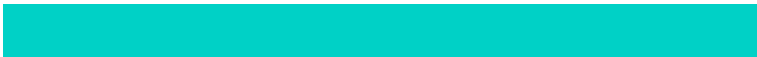
60.4531, 48.4408, 92.5500



65.4238, 48.4408, 45.2974



34.1243, 48.4408, 26.3867



30.9239, 48.4408, 60.9646

Sweetspot

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



60.4547, 48.4429, 92.5511



85.2233, 83.6489, 106.2618



48.2656, 48.0400, 93.1157



17.9649, 17.4491, 22.6711



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.



60.4547, 48.4429, 92.5511



61.5996, 45.9677, 100.2337



64.0665, 50.6505, 77.1001



16.8006, 16.5554, 20.8526



19.9136, 9.2401, 47.2720



1.8414, 0.8592, 4.1590

Inverse Universe

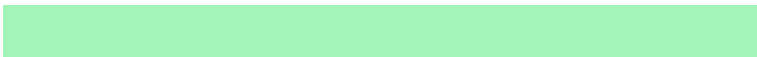
The Inverse Universe completely reimagines the original color for something new.



59.0216, 48.6326, 50.5343



60.0195, 46.3371, 46.6698



56.0756, 76.3959, 56.4559



16.6628, 16.5480, 17.9709



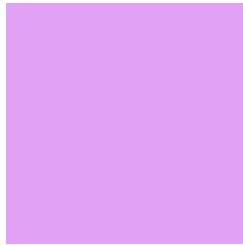
20.7570, 10.6463, 3.4290



1.8631, 0.9512, 0.5056

Previews

White Background



This preview shows how the XYZ color 60.4531, 48.4408, 92.5500 looks on a white background.

Color Contrast Check

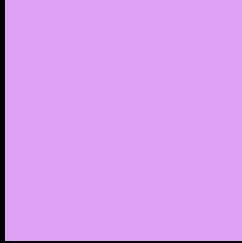
Large Text (above 18pt) WCAG AA × Fail

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 60.4531, 48.4408, 92.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

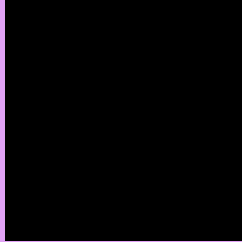
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4531, 48.4408, 92.5500

Background



This preview shows how black text looks on a background with the XYZ color 60.4531, 48.4408, 92.5500.



This preview shows how white text looks on a background with the XYZ color 60.4531, 48.4408,

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

60.4531, 48.4408, 92.5500

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

49.8387, 48.6910, 89.9906



Tritanopia

52.4246, 48.4589, 53.6041

Trichromacy



Original Color

60.4531, 48.4408, 92.5500



Protanomaly

52.9923, 48.0641, 97.7511



Deuteranomaly

53.0952, 48.2772, 90.5244



Tritanomaly

54.9733, 48.3636, 66.1122

Monochromacy



Original Color

60.4531, 48.4408, 92.5500



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.5827, 49.9922, 67.8508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4531, 48.4408, 92.5500 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(225, 162, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 162, 245)  
}
```

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(225, 162, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 162, 245) }
```

Border

The CSS property to change the border of an element to XYZ 60.4531, 48.4408, 92.5500 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(225, 162, 245) }
```


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

```
.border{ border-color:rgb(225, 162, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 162, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 162, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 162, 245); box-shadow:4px 4px 4px 4px rgb(225, 162, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4531, 48.4408, 92.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 162, 245) }
```

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

```
.background{ background-color: rgb(225,  
162, 245) }
```

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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