

Converting Colors

XYZ(58.1537, 47.0170, 78.0434)

Have a look what the booklet for
XYZ(58.1537, 47.0170, 78.0434)
contains.

XYZ(58.2932, 47.1266, 77.9755)	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(58.2932, 47.1266,
77.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A0E2
RGB	228, 160, 226
RGB Percent	89%, 63%, 89%
CMY	0.1059, 0.3725, 0.1137
CMYK	0.00, 0.30, 0.01, 0.11
HSL	302°, 56%, 76%
HSV	302°, 30%, 89%
XYZ	58.2932, 47.1266, 77.9755
YIQ	187.8560, 19.3420, 34.9420

Conversions

Conversions Part 2

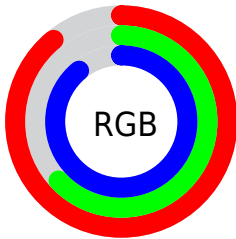
Format	Color
R _Y B	228, 160, 226
Decimal	14983394
CIE Lab	74.27, 35.71, -23.30
CIE LCh	74, 42.640, 326.884
Yxy	47.1266, 0.3179, 0.2570
Android (android.graphics.Color)	4293173474 (0xFFE4A0E2)
YUV	187.8560, 18.8050, 35.2063
Hunter-Lab	68.6488, 31.4380, -19.2910

Details

The XYZ color **58.2932, 47.1266, 77.9755** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7641, 65.5706, 44.2713**, and the grayscale version is **47.6086, 50.0879, 54.5457**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **29.6216, 22.2263, 41.2570** is the 20% darker color. If you saturate the color by 10%, you get **54.6059, 39.8982, 76.2936**, and if you desaturate by 10%, it is **62.7086, 55.8089, 79.9029**.

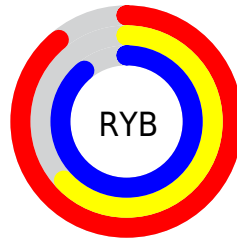
Distribution



Red (89%)

Green (63%)

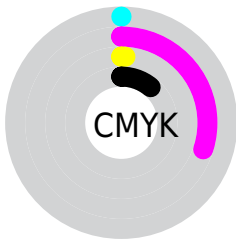
Blue (89%)



Red (89%)

Yellow (63%)

Blue (89%)

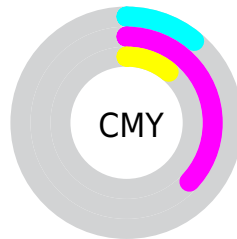


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2932, 47.1266, 77.9755 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 58.2932, 47.1266, 77.9755 by changing the saturation by 10% instead.


 58.2932, 47.1266,
77.9755


 58.2932, 47.1266,
77.9755


408.2138,
375.3196, 507.6093

 42.2886, 33.1357,
57.5375

 101.4702, 85.9026,
132.3011

 29.5194, 22.2305,
41.0247


 129.3733,
111.4565, 167.0259

 19.6204, 14.0263,
28.0186


161.9733,
141.6335, 207.3500

 12.2260, 8.1390,
18.1005

199.6355,
176.8181, 253.6919

 6.9711, 4.1840,
10.8520

242.7253,
217.3946, 306.4703

 3.4902, 1.7770,
5.8545

291.6081,

 1.4180, 0.4728,

263.7474, 366.1036

2.6894

346.6491,
316.2610, 433.0105

■ 0.2690, 0.0000,
0.9381

■ 0.0000, 0.0000,
0.0000

■ 58.2932, 47.1266,
77.9755

■ 58.2932, 47.1266,
77.9755

■ 54.6059, 39.8982,
76.2936

■ 62.7086, 55.8089,
79.9029

■ 51.6026, 34.0381,
74.8411


■ 67.8843, 66.0121,
82.0849


■ 49.2414, 29.4614,
73.6042


■ 73.8559, 77.8067,
84.5341


■ 47.4737, 26.0713,
72.5671


■ 80.6557, 91.2567,
87.2610


 46.2443, 23.7573,
71.7111


 81.9479, 93.6912,
88.1539


 45.4875, 22.3878,
71.0144


 82.0419, 93.7288,
88.6493

 45.0917, 21.7398,
70.4398

 82.1363, 93.7666,
89.1465

 45.0857, 21.7303,
70.4300

 82.2311, 93.8045,
89.6456

 82.3263, 93.8426,
90.1467

Harmonies

Analogous

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



51.7867, 47.1266, 98.8701



58.2932, 47.1266, 77.9755



61.1645, 47.1266, 53.6400

Triad

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



58.2932, 47.1266, 77.9755



45.5978, 47.1266, 19.6706



32.8998, 47.1266, 72.8434

Complementary

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



58.2932, 47.1266, 77.9755



48.7641, 65.5706, 44.2713

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.



31.6384, 47.1266, 49.0541



58.2932, 47.1266, 77.9755



38.4581, 47.1266, 22.1396

Square

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



58.2932, 47.1266, 77.9755



53.3292, 47.1266, 23.4747



33.5558, 47.1266, 31.5480



37.2190, 47.1266, 95.3623

Rectangle

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



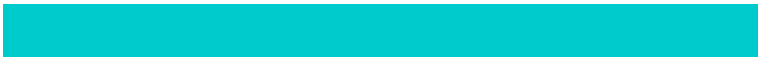
58.2932, 47.1266, 77.9755



60.4131, 47.1266, 40.0129



33.5558, 47.1266, 31.5480



32.1271, 47.1266, 64.5620

Sweetspot

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



58.2947, 47.1287, 77.9765



88.0522, 86.1780, 106.0320



41.3014, 38.3364, 78.6227



18.6218, 18.0016, 22.6017



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.



58.2947, 47.1287, 77.9765



71.9909, 54.5727, 99.0835



54.1782, 45.4821, 56.2995



14.9758, 14.6075, 18.0732



26.0419, 12.5510, 40.7114



1.9302, 0.9298, 3.0390

Inverse Universe

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



58.2947, 47.1287, 77.9765



71.9909, 54.5727, 99.0835



52.1078, 66.9080, 61.8789



14.9758, 14.6075, 18.0732



26.0419, 12.5510, 40.7114



1.9302, 0.9298, 3.0390

Previews

White Background



This preview shows how the XYZ color 58.2932, 47.1266, 77.9755 looks on a white background.

Color Contrast Check

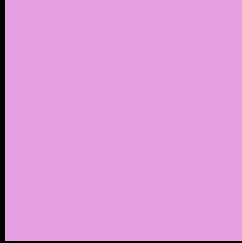
Large Text (above 18pt) WCAG AA × Fail

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 58.2932, 47.1266, 77.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

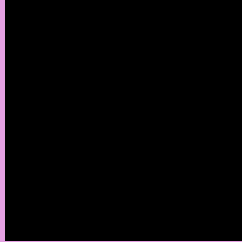
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2932, 47.1266, 77.9755

Background



This preview shows how black text looks on a background with the XYZ color 58.2932, 47.1266, 77.9755.

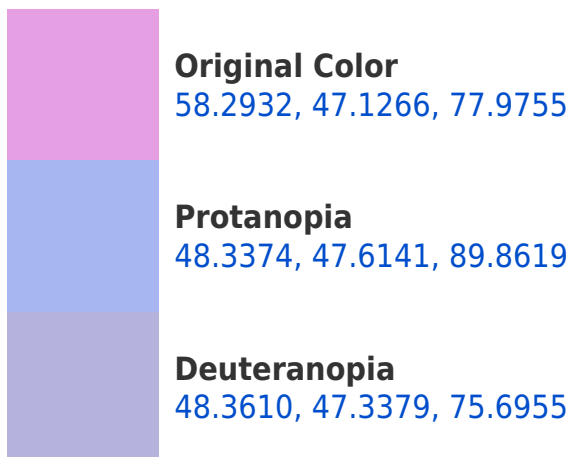


This preview shows how white text looks on a background with the XYZ color 58.2932, 47.1266,

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





Tritanopia

52.7557, 47.2829, 50.6020

Trichromacy



Original Color

58.2932, 47.1266, 77.9755



Protanomaly

51.0702, 46.7621, 85.6912



Deuteranomaly

51.3605, 46.8385, 76.1458



Tritanomaly

54.5697, 47.1969, 59.6599

Monochromacy



Original Color

58.2932, 47.1266, 77.9755



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.2097, 48.8016, 62.5977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2932, 47.1266, 77.9755 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(228, 160, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 160, 226)  
}
```

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(228, 160, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 160, 226) }
```

Border

The CSS property to change the border of an element to XYZ 58.2932, 47.1266, 77.9755 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(228, 160, 226) }
```


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

```
.border{ border-color:rgb(228, 160, 226) }
```

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

Here you see how a box with a 4 pixel rgb(228, 160, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 160, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 160, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 160,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2932, 47.1266, 77.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 160, 226) }
```

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

```
.background{ background-color: rgb(228,  
160, 226) }
```

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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