

Converting Colors

XYZ(58.6223, 44.8150, 88.7795)

Have a look what the booklet for
XYZ(58.6223, 44.8150, 88.7795)
contains.

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Color

**XYZ(58.6223, 44.8150,
88.7795)**

Conversions

Conversions Part 1

Format	Color
Hex	E397F1
RGB	227, 151, 241
RGB Percent	89%, 59%, 95%
CMY	0.1098, 0.4078, 0.0549
CMYK	0.06, 0.37, 0.00, 0.05
HSL	291°, 76%, 77%
HSV	291°, 37%, 95%
XYZ	58.6223, 44.8150, 88.7795
YIQ	183.9840, 16.4060, 44.1020

Conversions

Conversions Part 2

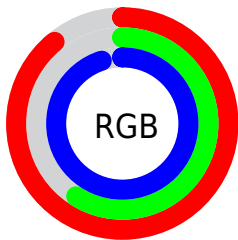
Format	Color
R _Y B	227, 151, 241
Decimal	14915569
CIE Lab	72.77, 42.98, -33.79
CIE LCh	73, 54.675, 321.824
Yxy	44.8150, 0.3050, 0.2331
Android (android.graphics.Color)	4293105649 (0xFFE397F1)
YUV	183.9840, 28.1089, 37.7250
Hunter-Lab	66.9440, 39.1589, -31.7681

Details

The XYZ color **58.6223, 44.8150, 88.7795** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.5598, 73.1454, 40.6286**, and the grayscale version is **45.3959, 47.7600, 52.0106**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **29.7022, 20.7842, 48.3452** is the 20% darker color. If you saturate the color by 10%, you get **53.9638, 37.2333, 87.5623**, and if you desaturate by 10%, it is **64.1023, 53.9993, 90.2641**.

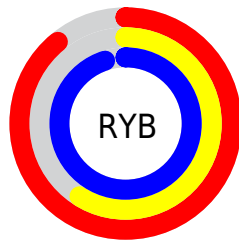
Distribution



Red (89%)

Green (59%)

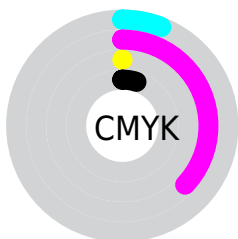
Blue (95%)



Red (89%)

Yellow (59%)

Blue (95%)

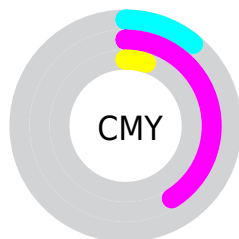


Cyan (6%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (11%)


Magenta (41%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6223, 44.8150, 88.7795 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 58.6223, 44.8150, 88.7795 by changing the saturation by 10% instead.


 58.6223, 44.8150,
88.7795


 58.6223, 44.8150,
88.7795


409.4174,
366.0238, 544.5199

 42.5543, 31.3117,
66.4008


 101.9463, 82.4427,
147.5626

 29.7286, 20.8363,
48.1393


 129.9330,
107.3360, 184.8040

 19.7797, 13.0044,
33.5764


162.6234,
136.7947, 227.8368

 12.3424, 7.4316,
22.2937

200.3828,
171.2032, 277.0795

 7.0511, 3.7335,
13.8725

243.5765,
210.9460, 332.9506

 3.5407, 1.5256,
7.8943

292.5700,

 1.4457, 0.3066,

256.4075, 395.8687

3.9406

347.7284,
307.9719, 466.2523

■ 0.2885, 0.0000,
1.5928

■ 0.0000, 0.0000,
0.2857

■ 58.6223, 44.8150,
88.7795

■ 58.6223, 44.8150,
88.7795

■ 53.9638, 37.2333,
87.5623

■ 64.1023, 53.9993,
90.2641

■ 50.0734, 31.1510,
86.5933

■ 70.4439, 64.8694,
92.0280

■ 46.8986, 26.4620,
85.8556

■ 77.6899, 77.5097,
94.0859

■ 44.3779, 23.0439,
85.3287

■ 85.8791, 91.9974,
96.4507

■ 42.4393, 20.7524,
84.9886

■ 89.5543, 97.4178,
97.3033

■ 40.9883, 19.3993,
84.8039

■ 90.8809, 98.1017,
97.3653

■ 40.6456, 19.1195,
84.7679

■ 92.2341, 98.7993,
97.4287

■ 92.8773, 99.1309,
97.4588

Harmonies

Analogous

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



49.7505, 44.8150, 115.2210



58.6223, 44.8150, 88.7795



63.3463, 44.8150, 56.6170

Triad

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



58.6223, 44.8150, 88.7795



45.2452, 44.8150, 13.1792



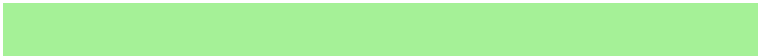
27.7935, 44.8150, 70.9329

Complementary

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



58.6223, 44.8150, 88.7795



52.5598, 73.1454, 40.6286

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.



26.9571, 44.8150, 41.7305



58.6223, 44.8150, 88.7795



36.1613, 44.8150, 14.5693

Square

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



58.6223, 44.8150, 88.7795



54.9073, 44.8150, 18.1504



29.7931, 44.8150, 23.0854



32.2769, 44.8150, 102.5305

Rectangle

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



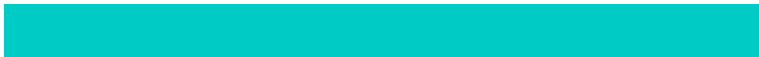
58.6223, 44.8150, 88.7795



63.0836, 44.8150, 38.8456



29.7931, 44.8150, 23.0854



27.1062, 44.8150, 60.3150

Sweetspot

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



58.6238, 44.8169, 88.7805



85.1583, 82.5726, 106.0575



42.2778, 40.2047, 88.7518



17.9857, 17.2520, 22.6320



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.



58.6238, 44.8169, 88.7805



62.4399, 44.0797, 99.8250



59.1015, 45.5390, 67.3044



16.1987, 15.8996, 19.9368



22.1351, 10.4165, 45.9718



1.9058, 0.8998, 3.8274

Inverse Universe

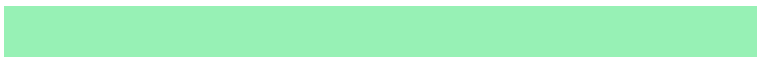
The Inverse Universe completely reimagines the original color for something new.



54.1353, 43.5525, 41.1526



56.8348, 42.5614, 37.6125



52.5599, 72.8272, 55.0049



15.8730, 15.7989, 16.8876



19.8878, 10.2276, 2.0600



1.6843, 0.8628, 0.3284

Previews

White Background



This preview shows how the XYZ color 58.6223, 44.8150, 88.7795 looks on a white background.

Color Contrast Check

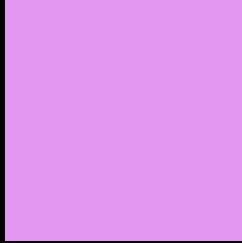
Large Text (above 18pt) WCAG AA × Fail

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 58.6223, 44.8150, 88.7795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

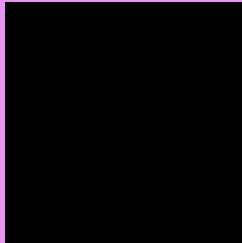
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6223, 44.8150, 88.7795

Background



This preview shows how black text looks on a background with the XYZ color 58.6223, 44.8150, 88.7795.



This preview shows how white text looks on a background with the XYZ color 58.6223, 44.8150,

88.7795.

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

58.6223, 44.8150, 88.7795

Protanopia

46.9018, 45.1407, 100.8488

Deuteranopia

46.1827, 45.1061, 85.6291



Tritanopia

50.1247, 44.6307, 47.5677

Trichromacy



Original Color

58.6223, 44.8150, 88.7795



Protanomaly

50.1301, 44.3633, 96.3633



Deuteranomaly

49.9904, 44.5018, 86.8439



Tritanomaly

52.6423, 44.3386, 60.4272

Monochromacy



Original Color

58.6223, 44.8150, 88.7795



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.5914, 46.1922, 64.0598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6223, 44.8150, 88.7795 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(227, 151, 241)` looks like.

```
.text, #text, p{  
    color:rgb(227, 151, 241)  
}
```

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(227, 151, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 151, 241) }
```

Border

The CSS property to change the border of an element to XYZ 58.6223, 44.8150, 88.7795 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(227, 151, 241) }
```


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

```
.border{ border-color:rgb(227, 151, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 151, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 151, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 151, 241);  
box-shadow:4px 4px 4px 4px rgb(227, 151,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6223, 44.8150, 88.7795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 151, 241) }
```

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

```
.background{ background-color: rgb(227,  
151, 241) }
```

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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