

Converting Colors

XYZ(55.9014, 41.1318, 69.7097)

Have a look what the booklet for
XYZ(55.9014, 41.1318, 69.7097)
contains.

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Color

**XYZ(55.8882, 41.0853,
69.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8BD8
RGB	235, 139, 216
RGB Percent	92%, 55%, 85%
CMY	0.0784, 0.4549, 0.1529
CMYK	0.00, 0.41, 0.08, 0.08
HSL	312°, 71%, 73%
HSV	312°, 41%, 92%
XYZ	55.8882, 41.0853, 69.9504
YIQ	176.4820, 32.4990, 44.2990

Conversions

Conversions Part 2

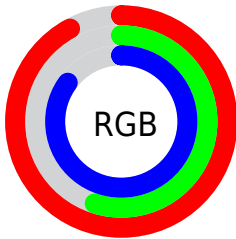
Format	Color
R _Y B	235, 139, 216
Decimal	15436760
CIE Lab	70.24, 47.18, -23.89
CIE LCh	70, 52.886, 333.144
Yxy	41.0853, 0.3348, 0.2461
Android (android.graphics.Color)	4293626840 (0xFFEB8BD8)
YUV	176.4820, 19.4824, 51.3203
Hunter-Lab	64.0978, 43.4666, -19.8351

Details

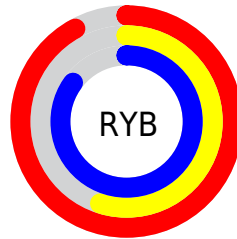
The XYZ color **55.8882, 41.0853, 69.9504** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.5291, 67.3755, 42.9029**, and the grayscale version is **41.4092, 43.5657, 47.4430**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **27.8923, 18.5759, 35.8336** is the 20% darker color. If you saturate the color by 10%, you get **52.2516, 34.7602, 65.8134**, and if you desaturate by 10%, it is **60.2757, 48.8835, 74.4225**.

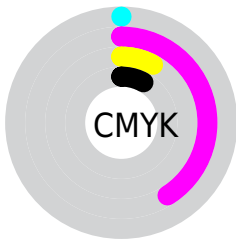
Distribution



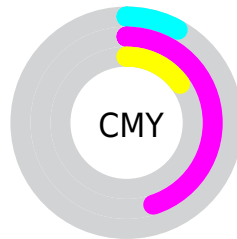
- Red (92%)
- Green (55%)
- Blue (85%)



- Red (92%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8882, 41.0853, 69.9504 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 55.8882, 41.0853, 69.9504 by changing the saturation by 10% instead.


 55.8882, 41.0853,
69.9504


 55.8882, 41.0853,
69.9504


399.3519,
350.6770, 479.1603


 40.3499, 28.3857,
51.0095

 97.9819, 76.8134,
120.8185

 27.9969, 18.6166,
35.8394


 125.2680,
100.6107, 153.5828

 18.4638, 11.3936,
24.0215


 157.2007,
128.8760, 191.7920

 11.3852, 6.3322,
15.1372

194.1455,
161.9938, 235.8646

 6.3957, 3.0481,
8.7681

236.4677,
200.3483, 286.2192

 3.1301, 1.1569,
4.4955

284.5325,

 1.2229, 0.0261,

244.3241, 343.2743

1.9009

338.7055,
294.3056, 407.4485

■ 0.1244, 0.0000,
0.4933

■ 0.0000, 0.0000,
0.0000

■ 55.8882, 41.0853,
69.9504

■ 55.8882, 41.0853,
69.9504

■ 52.2516, 34.7602,
65.8134

■ 60.2757, 48.8835,
74.4225

■ 49.3145, 29.8078,
61.9926


■ 65.4535, 58.2355,
79.2422


■ 47.0253, 26.1245,
58.4703


■ 71.4627, 69.2227,
84.4244


■ 45.3233, 23.5889,
55.2256


■ 78.3405, 81.9191,
89.9822


 44.1359, 22.0563,
52.2337

 85.6393, 95.4295,
95.7670

 43.3910, 21.3142,
49.6802

 86.3365, 95.7084,
99.4385

 87.0516, 95.9944,
103.2038

 87.7846, 96.2876,
107.0638

 88.0712, 96.4023,
108.5734

Harmonies

Analogous

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



48.8909, 41.0853, 97.7901



55.8882, 41.0853, 69.9504



58.1698, 41.0853, 42.1674

Triad

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



55.8882, 41.0853, 69.9504



38.1432, 41.0853, 11.9949



26.6907, 41.0853, 76.2395

Complementary

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



55.8882, 41.0853, 69.9504



46.5291, 67.3755, 42.9029

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.



24.6597, 41.0853, 47.4046



55.8882, 41.0853, 69.9504



30.6276, 41.0853, 15.4875

Square

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



55.8882, 41.0853, 69.9504



47.0745, 41.0853, 14.2321



25.9876, 41.0853, 26.4497



31.9942, 41.0853, 102.2668

Rectangle

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



55.8882, 41.0853, 69.9504



56.4696, 41.0853, 28.4732



25.9876, 41.0853, 26.4497



25.6414, 41.0853, 66.2429

Sweetspot

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



55.8895, 41.0872, 69.9512



85.0933, 81.6226, 100.8461



38.0567, 31.5936, 82.6903



18.0013, 17.0814, 21.4061



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.



55.8895, 41.0872, 69.9512



63.5500, 42.9669, 80.0051



50.6942, 39.0090, 42.5931



15.5796, 15.2597, 18.3374



24.1952, 11.8808, 27.8932



1.9324, 0.9459, 2.3615

Inverse Universe

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



55.8895, 41.0872, 69.9512



63.5500, 42.9669, 80.0051



51.3285, 69.2953, 68.1764



15.5796, 15.2597, 18.3374



24.1952, 11.8808, 27.8932



1.9324, 0.9459, 2.3615

Previews

White Background



This preview shows how the XYZ color 55.8882, 41.0853, 69.9504 looks on a white background.

Color Contrast Check

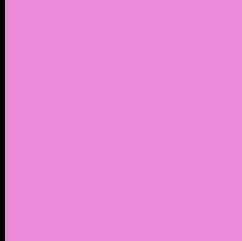
Large Text (above 18pt) WCAG AA × Fail

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 55.8882, 41.0853, 69.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

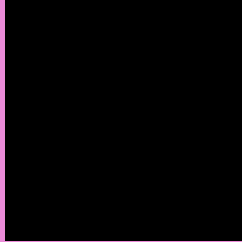
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8882, 41.0853, 69.9504

Background



This preview shows how black text looks on a background with the XYZ color 55.8882, 41.0853, 69.9504.



This preview shows how white text looks on a background with the XYZ color 55.8882, 41.0853,

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

55.8882, 41.0853, 69.9504

Protanopia

42.7172, 41.5608, 87.4319

Deuteranopia

42.1227, 41.1434, 67.3494



Tritanopia

49.7410, 41.0793, 39.4899

Trichromacy



Original Color

55.8882, 41.0853, 69.9504



Protanomaly

46.1133, 40.5109, 80.9903



Deuteranomaly

46.0595, 40.2555, 68.2933



Tritanomaly

51.6774, 40.9241, 49.4314

Monochromacy



Original Color

55.8882, 41.0853, 69.9504



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.5271, 41.8263, 54.9640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8882, 41.0853, 69.9504 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(235, 139, 216)` looks like.

```
.text, #text, p{  
    color:rgb(235, 139, 216)  
}
```

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(235, 139, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 139, 216) }
```

Border

The CSS property to change the border of an element to XYZ 55.8882, 41.0853, 69.9504 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(235, 139, 216) }
```


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

```
.border{ border-color:rgb(235, 139, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 139, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 139, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 139, 216);  
box-shadow:4px 4px 4px 4px rgb(235, 139,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8882, 41.0853, 69.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 139, 216) }
```

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

```
.background{ background-color: rgb(235,  
139, 216) }
```

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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