

Converting Colors

XYZ(53.7805, 42.7637, 68.4942)

Have a look what the booklet for
XYZ(53.7805, 42.7637, 68.4942)
contains.

XYZ(53.8173, 42.7846, 68.3726)	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(53.8173, 42.7846,
68.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	E097D5
RGB	224, 151, 213
RGB Percent	88%, 59%, 84%
CMY	0.1216, 0.4078, 0.1647
CMYK	0.00, 0.33, 0.05, 0.12
HSL	309°, 54%, 74%
HSV	309°, 33%, 88%
XYZ	53.8173, 42.7846, 68.3726
YIQ	179.8950, 23.6060, 34.7580

Conversions

Conversions Part 2

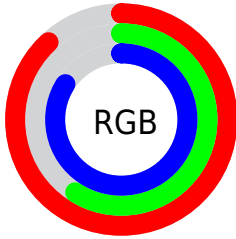
Format	Color
R _Y B	224, 151, 213
Decimal	14718933
CIE Lab	71.41, 36.89, -20.56
CIE LCh	71, 42.231, 330.864
Yxy	42.7846, 0.3262, 0.2593
Android (android.graphics.Color)	4292909013 (0xFFE097D5)
YUV	179.8950, 16.3208, 38.6801
Hunter-Lab	65.4099, 32.3970, -16.1885

Details

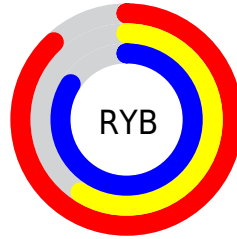
The XYZ color **53.8173, 42.7846, 68.3726** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.9415, 62.5006, 43.8274**, and the grayscale version is **43.2337, 45.4852, 49.5333**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **26.7818, 19.7171, 34.7420** is the 20% darker color. If you saturate the color by 10%, you get **50.1254, 36.0786, 65.0503**, and if you desaturate by 10%, it is **58.2057, 50.8677, 71.9720**.

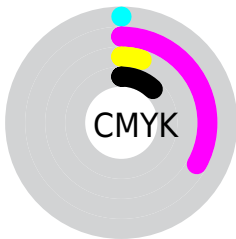
Distribution



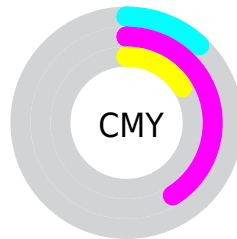
- Red (88%)
- Green (59%)
- Blue (84%)



- Red (88%)
- Yellow (59%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (12%)




- Cyan (12%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8173, 42.7846, 68.3726 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 53.8173, 42.7846, 68.3726 by changing the saturation by 10% instead.


 53.8173, 42.7846,
68.3726


 53.8173, 42.7846,
68.3726


391.6227,
357.7252, 473.4489

 38.6857, 29.7161,
49.7323

 94.9644, 79.3857,
118.5443

 26.6949, 19.6232,
34.8311


 121.7106,
103.6872, 150.9128

 17.4796, 12.1215,
23.2503


153.0591,
132.5017, 188.6944

 10.6745, 6.8265,
14.5714

189.3752,
166.2138, 232.3077

 5.9141, 3.3538,
8.3759

231.0242,
205.2078, 282.1713

 2.8331, 1.3191,
4.2452

278.3716,

 1.0661, 0.1559,

249.8681, 338.7037

1.7608

331.7826,
300.5791, 402.3234

■ 0.0000, 0.0000,
0.4019

■ 0.0000, 0.0000,
0.0000

■ 53.8173, 42.7846,
68.3726

■ 53.8173, 42.7846,
68.3726

■ 50.1254, 36.0786,
65.0503

■ 58.2057, 50.8677,
71.9720

■ 47.0870, 30.6662,
61.9891

■ 63.3223, 60.3938,
75.8579

■ 44.6605, 26.4637,
59.1754

■ 69.2021, 71.4316,
80.0427

■ 42.7981, 23.3751,
56.5929

■ 75.8762, 84.0435,
84.5371

41.4443, 21.2899,
54.2230

80.7668, 93.0738,
88.4820

40.5327, 20.0752,
52.0430

81.2452, 93.2652,
91.0015

40.0619, 19.5759,
50.5228

81.7329, 93.4603,
93.5696

82.2299, 93.6591,
96.1866

82.7362, 93.8616,
98.8527

Harmonies

Analogous

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



48.0917, 42.7846, 88.9364



53.8173, 42.7846, 68.3726



55.9281, 42.7846, 45.9970

Triad

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



53.8173, 42.7846, 68.3726



40.4596, 42.7846, 17.3739



30.0206, 42.7846, 69.7024

Complementary

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



53.8173, 42.7846, 68.3726



45.9415, 62.5006, 43.8274

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.



28.4677, 42.7846, 47.1783



53.8173, 42.7846, 68.3726



34.0460, 42.7846, 20.4062

Square

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



53.8173, 42.7846, 68.3726



47.6933, 42.7846, 20.0674



29.8525, 42.7846, 30.0007



34.3644, 42.7846, 89.8485

Rectangle

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



53.8173, 42.7846, 68.3726



54.8284, 42.7846, 33.9829



29.8525, 42.7846, 30.0007



29.1793, 42.7846, 61.9715

Sweetspot

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



53.8186, 42.7865, 68.3735



86.8353, 84.5507, 103.1400



39.4132, 35.1934, 75.2375



18.3574, 17.6687, 21.9101



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.



53.8186, 42.7865, 68.3735



68.7832, 51.1782, 88.7016



49.6997, 41.1389, 46.6833



14.2016, 13.8983, 16.8318



23.3528, 11.4081, 29.5874



1.6431, 0.8005, 2.1794

Inverse Universe

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



53.8186, 42.7865, 68.3735



68.7832, 51.1782, 88.7016



49.6648, 63.9899, 63.4338



14.2016, 13.8983, 16.8318



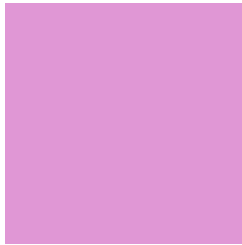
23.3528, 11.4081, 29.5874



1.6431, 0.8005, 2.1794

Previews

White Background



This preview shows how the XYZ color 53.8173, 42.7846, 68.3726 looks on a white background.

Color Contrast Check

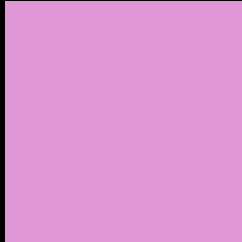
Large Text (above 18pt) WCAG AA × Fail

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 53.8173, 42.7846, 68.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

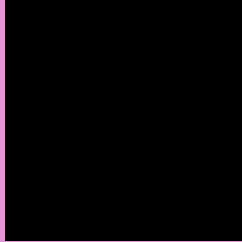
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8173, 42.7846, 68.3726

Background



This preview shows how black text looks on a background with the XYZ color 53.8173, 42.7846, 68.3726.



This preview shows how white text looks on a background with the XYZ color 53.8173, 42.7846,

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

53.8173, 42.7846, 68.3726

Protanopia

43.5836, 43.0179, 80.1349

Deuteranopia

43.9760, 42.9594, 66.2958



Tritanopia

48.9622, 42.7966, 44.2081

Trichromacy



Original Color

53.8173, 42.7846, 68.3726



Protanomaly

46.3029, 42.3053, 75.5373



Deuteranomaly

46.9006, 42.5415, 66.7122



Tritanomaly

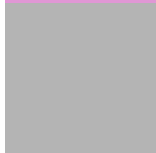
50.5702, 42.6943, 52.0299

Monochromacy



Original Color

53.8173, 42.7846, 68.3726



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.4673, 43.9175, 55.8970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8173, 42.7846, 68.3726 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(224, 151, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 151, 213)  
}
```

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(224, 151, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 151, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.8173, 42.7846, 68.3726 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(224, 151, 213) }
```


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

```
.border{ border-color:rgb(224, 151, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 151, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 151, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 151, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 151,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8173, 42.7846, 68.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 151, 213) }
```

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

```
.background{ background-color: rgb(224,  
151, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor