

Converting Colors

XYZ(53.9608, 41.1833, 53.6487)

Have a look what the booklet for
XYZ(53.9608, 41.1833, 53.6487)
contains.

XYZ(53.8923, 41.0682, 53.8017)	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(53.8923, 41.0682,
53.8017)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8EBE
RGB	237, 142, 190
RGB Percent	93%, 56%, 75%
CMY	0.0706, 0.4431, 0.2549
CMYK	0.00, 0.40, 0.20, 0.07
HSL	330°, 73%, 74%
HSV	330°, 40%, 93%
XYZ	53.8923, 41.0682, 53.8017
YIQ	175.8770, 41.2120, 35.0680

Conversions

Conversions Part 2

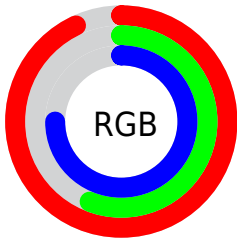
Format	Color
R _Y B	237, 142, 190
Decimal	15568574
CIE Lab	70.22, 42.19, -9.45
CIE LCh	70, 43.233, 347.368
Yxy	41.0682, 0.3623, 0.2761
Android (android.graphics.Color)	4293758654 (0xFFED8EBE)
YUV	175.8770, 6.9626, 53.6049
Hunter-Lab	64.0845, 37.9630, -4.9174

Details

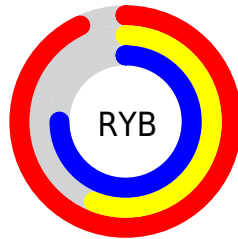
The XYZ color **53.8923, 41.0682, 53.8017** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.6266, 69.9944, 58.9893**, and the grayscale version is **41.1537, 43.2969, 47.1503**.

A 20% lighter version of the original color is **77.8408, 67.8463, 96.1818**, and **26.6781, 18.5346, 25.8384** is the 20% darker color. If you saturate the color by 10%, you get **49.5033, 34.2591, 46.2679**, and if you desaturate by 10%, it is **59.1364, 49.4216, 62.1301**.

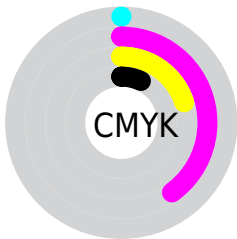
Distribution



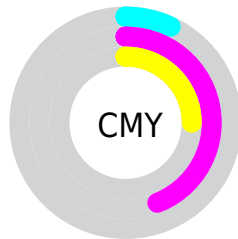
- Red (93%)
- Green (56%)
- Blue (75%)



- Red (93%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8923, 41.0682, 53.8017 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 53.8923, 41.0682, 53.8017 by changing the saturation by 10% instead.


 53.8923, 41.0682,
53.8017


 53.8923, 41.0682,
53.8017


391.9042,
350.6056, 418.5066

 38.7459, 28.3724,
38.0510

 95.0739, 76.7874,
97.2365

 26.7419, 18.6066,
25.7202


 121.8398,
100.5796, 125.7577

 17.5151, 11.3863,
16.3905


153.2096,
128.8394, 159.3729

 10.7000, 6.3273,
9.6436

189.5487,
161.9511, 198.5005

 5.9313, 3.0451,
5.0608

231.2223,
200.2992, 243.5591

 2.8436, 1.1553,
2.2236

278.5958,

 1.0716, 0.0248,

244.2680, 294.9674

0.6879

332.0347,
294.2420, 353.1437

■ 0.0012, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8923, 41.0682,
53.8017

■ 53.8923, 41.0682,
53.8017

■ 49.5033, 34.2591,
46.2679

■ 59.1364, 49.4216,
62.1301

■ 45.9155, 28.8916,
39.4977

■ 65.2781, 59.4019,
71.2776

■ 43.0741, 24.8597,
33.4607

■ 72.3612, 71.0925,
81.2703

■ 40.9153, 22.0403,
28.1230

■ 80.4255, 84.5697,
92.1323

■ 39.3638, 20.2865,
23.4459

■ 87.7265, 96.3411,
103.2925

■ 38.2998, 19.3544,
19.4044

■ 88.7353, 96.7446,
108.6045

Harmonies

Analogous

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



49.9383, 41.0682, 76.6847



53.8923, 41.0682, 53.8017



53.5318, 41.0682, 34.0523

Triad

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



53.8923, 41.0682, 53.8017



35.1073, 41.0682, 16.8609



30.5159, 41.0682, 79.9977

Complementary

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



53.8923, 41.0682, 53.8017



50.6266, 69.9944, 58.9893

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.



27.4231, 41.0682, 57.4023



53.8923, 41.0682, 53.8017



29.8453, 41.0682, 23.1564

Square

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



53.8923, 41.0682, 53.8017



42.0894, 41.0682, 16.4291



27.1935, 41.0682, 36.7160



36.1303, 41.0682, 94.6091

Rectangle

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



53.8923, 41.0682, 53.8017



50.8919, 41.0682, 24.9716



27.1935, 41.0682, 36.7160



29.1780, 41.0682, 72.8196

Sweetspot

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



53.8935, 41.0701, 53.8025



83.7107, 81.0695, 93.5653



45.6794, 36.1434, 84.6901



17.6752, 16.9510, 19.6888



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.



53.8935, 41.0701, 53.8025



59.3601, 41.8406, 56.2465



49.6018, 39.3535, 31.2029



15.3830, 15.1810, 17.3021



20.9766, 10.5933, 10.9441



1.6958, 0.8513, 1.1152

Inverse Universe

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



53.8935, 41.0701, 53.8025



59.3601, 41.8406, 56.2465



56.4965, 72.3424, 89.8996



15.3830, 15.1810, 17.3021



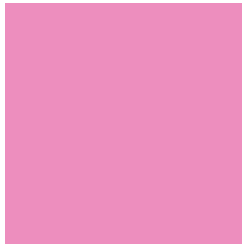
20.9766, 10.5933, 10.9441



1.6958, 0.8513, 1.1152

Previews

White Background



This preview shows how the XYZ color 53.8923, 41.0682, 53.8017 looks on a white background.

Color Contrast Check

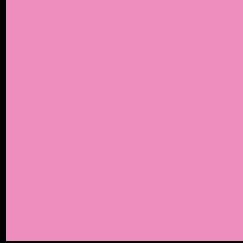
Large Text (above 18pt) WCAG AA × Fail

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 53.8923, 41.0682, 53.8017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

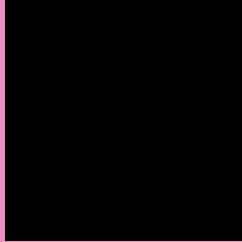
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8923, 41.0682, 53.8017

Background



This preview shows how black text looks on a background with the XYZ color 53.8923, 41.0682, 53.8017.



This preview shows how white text looks on a background with the XYZ color 53.8923, 41.0682,

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

53.8923, 41.0682, 53.8017

Protanopia

41.3814, 41.6218, 66.1744

Deuteranopia

42.2101, 41.2499, 52.1917



Tritanopia

50.7796, 41.1754, 38.0722

Trichromacy



Original Color

53.8923, 41.0682, 53.8017



Protanomaly

44.7173, 40.4822, 61.3341



Deuteranomaly

45.8251, 40.7381, 52.4617



Tritanomaly

51.7955, 41.1222, 43.2377

Monochromacy



Original Color

53.8923, 41.0682, 53.8017



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.9047, 41.8929, 49.4355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8923, 41.0682, 53.8017 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(237, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 190)  
}
```

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(237, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.8923, 41.0682, 53.8017 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(237, 142, 190) }
```


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

```
.border{ border-color:rgb(237, 142, 190) }
```

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

Here you see how a box with a 4 pixel rgb(237, 142, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8923, 41.0682, 53.8017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 190) }
```

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

```
.background{ background-color: rgb(237,  
142, 190) }
```

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