

Converting Colors

XYZ(53.4946, 41.6758, 70.4861)

Have a look what the booklet for
XYZ(53.4946, 41.6758, 70.4861)
contains.

XYZ(53.2598, 41.5133, 70.1715)	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(53.2598, 41.5133,
70.1715)**

Conversions

Conversions Part 1

Format	Color
Hex	DF93D8
RGB	223, 147, 216
RGB Percent	87%, 58%, 85%
CMY	0.1255, 0.4235, 0.1529
CMYK	0.00, 0.34, 0.03, 0.13
HSL	306°, 54%, 73%
HSV	306°, 34%, 87%
XYZ	53.2598, 41.5133, 70.1715
YIQ	177.5900, 23.1470, 37.5710

Conversions

Conversions Part 2

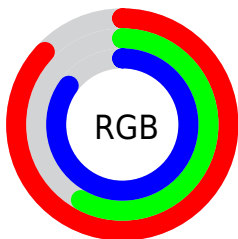
Format	Color
R _Y B	223, 147, 216
Decimal	14652376
CIE Lab	70.53, 39.22, -23.56
CIE LCh	71, 45.754, 329.010
Yxy	41.5133, 0.3229, 0.2517
Android (android.graphics.Color)	4292842456 (0xFFDF93D8)
YUV	177.5900, 18.9361, 39.8246
Hunter-Lab	64.4308, 34.7977, -19.4711

Details

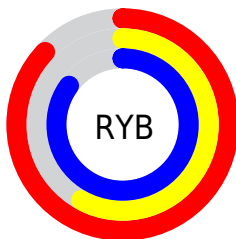
The XYZ color **53.2598, 41.5133, 70.1715** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2548, 61.3128, 40.0764**, and the grayscale version is **41.9963, 44.1834, 48.1157**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **26.4616, 18.9731, 35.9857** is the 20% darker color. If you saturate the color by 10%, you get **49.8589, 35.1332, 67.7361**, and if you desaturate by 10%, it is **57.3387, 49.2427, 72.8501**.

Distribution



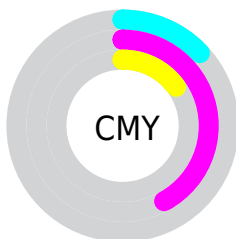
- Red (87%)
- Green (58%)
- Blue (85%)



- Red (87%)
- Yellow (58%)
- Blue (85%)



- Cyan (0%)
- Magenta (34%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2598, 41.5133, 70.1715 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 53.2598, 41.5133, 70.1715 by changing the saturation by 10% instead.


 53.2598, 41.5133,
70.1715


 53.2598, 41.5133,
70.1715


389.5256,
352.4614, 479.9573

 38.2385, 28.7204,
51.1887

 94.1498, 77.4625,
121.1367

 26.3459, 18.8694,
35.9810


 120.7493,
101.3876, 153.9562

 17.2166, 11.5759,
24.1300

151.9388,
129.7921, 192.2250

 10.4853, 6.4556,
15.2170

188.0839,
163.0606, 236.3616

 5.7866, 3.1241,
8.8235

229.5497,
201.5774, 286.7846

 2.7552, 1.1968,
4.5310

276.7017,

 1.0257, 0.0591,

245.7268, 343.9125

1.9209

329.9052,
295.8934, 408.1639

■ 0.0000, 0.0000,
0.5060

■ 0.0000, 0.0000,
0.0000

■ 53.2598, 41.5133,
70.1715

■ 53.2598, 41.5133,
70.1715

■ 49.8589, 35.1332,
67.7361

■ 57.3387, 49.2427,
72.8501

■ 47.0932, 30.0188,
65.5284

■ 62.1277, 58.3875,
75.7814

■ 44.9209, 26.0859,
63.5347

■ 67.6612, 69.0162,
78.9774

■ 43.2936, 23.2381,
61.7389

■ 73.9706, 81.1912,
82.4486

42.1556, 21.3633,
60.1223

79.9566, 92.7141,
85.8286

41.4386, 20.3254,
58.6622

80.2407, 92.8277,
87.3246

41.1470, 19.9742,
57.8495

80.5282, 92.9427,
88.8385

80.8191, 93.0591,
90.3703

81.1134, 93.1768,
91.9201

Harmonies

Analogous

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



46.9263, 41.5133, 92.1944



53.2598, 41.5133, 70.1715



55.8289, 41.5133, 45.9231

Triad

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



53.2598, 41.5133, 70.1715



39.7085, 41.5133, 15.0679



28.0721, 41.5133, 68.5166

Complementary

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



53.2598, 41.5133, 70.1715



44.2548, 61.3128, 40.0764

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.



26.6467, 41.5133, 44.4864



53.2598, 41.5133, 70.1715



32.8258, 41.5133, 17.7148

Square

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



53.2598, 41.5133, 70.1715



47.4156, 41.5133, 18.1023



28.2725, 41.5133, 26.9922



32.4431, 41.5133, 91.0439

Rectangle

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



53.2598, 41.5133, 70.1715



54.8394, 41.5133, 32.9631



28.2725, 41.5133, 26.9922



27.2593, 41.5133, 60.1451

Sweetspot

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



53.2611, 41.5151, 70.1724



87.0719, 84.6454, 104.3863



36.9548, 33.0021, 74.2352



18.4151, 17.6917, 22.2136



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.



53.2611, 41.5151, 70.1724



68.7562, 49.8317, 92.6768



48.9697, 39.7986, 47.5741



14.2377, 13.9127, 17.0220



24.2158, 11.7533, 34.1320



1.6946, 0.8211, 2.4508

Inverse Universe

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



53.2611, 41.5151, 70.1724



68.7562, 49.8317, 92.6768



47.8626, 62.7559, 59.0749



14.2377, 13.9127, 17.0220



24.2158, 11.7533, 34.1320



1.6946, 0.8211, 2.4508

Previews

White Background



This preview shows how the XYZ color 53.2598, 41.5133, 70.1715 looks on a white background.

Color Contrast Check

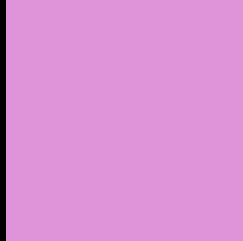
Large Text (above 18pt) WCAG AA × Fail

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 53.2598, 41.5133, 70.1715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

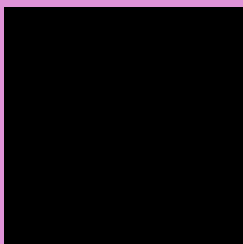
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2598, 41.5133, 70.1715

Background



This preview shows how black text looks on a background with the XYZ color 53.2598, 41.5133, 70.1715.



This preview shows how white text looks on a background with the XYZ color 53.2598, 41.5133,

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

53.2598, 41.5133, 70.1715

Protanopia

42.7885, 41.9776, 82.9381

Deuteranopia

42.6492, 41.6754, 68.0837



Tritanopia

47.5716, 41.3558, 42.5210

Trichromacy



Original Color

53.2598, 41.5133, 70.1715



Protanomaly

45.6078, 41.0900, 78.2004



Deuteranomaly

45.7414, 41.1127, 68.4755



Tritanomaly

49.3616, 41.3453, 51.2777

Monochromacy



Original Color

53.2598, 41.5133, 70.1715



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.5813, 42.9125, 55.7497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2598, 41.5133, 70.1715 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(223, 147, 216)` looks like.

```
.text, #text, p{  
    color:rgb(223, 147, 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(223, 147, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 147, 216) }
```

Border

The CSS property to change the border of an element to XYZ 53.2598, 41.5133, 70.1715 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(223, 147, 216) }
```


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

```
.border{ border-color:rgb(223, 147, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 147, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 147, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 147, 216);  
box-shadow:4px 4px 4px 4px rgb(223, 147,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2598, 41.5133, 70.1715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 147, 216) }
```

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

```
.background{ background-color: rgb(223,  
147, 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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