

Converting Colors

XYZ(53.7116, 44.2663, 69.3076)

Have a look what the booklet for
XYZ(53.7116, 44.2663, 69.3076)
contains.

XYZ(53.7098, 44.1846, 69.3160)	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(53.7098, 44.1846,
69.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9DD6
RGB	220, 157, 214
RGB Percent	86%, 62%, 84%
CMY	0.1372, 0.3843, 0.1608
CMYK	0.00, 0.29, 0.03, 0.14
HSL	306°, 47%, 74%
HSV	306°, 29%, 86%
XYZ	53.7098, 44.1846, 69.3160
YIQ	182.3350, 19.2510, 31.0830

Conversions

Conversions Part 2

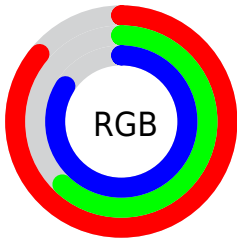
Format	Color
R _{YB}	220, 157, 214
Decimal	14458326
CIE Lab	72.35, 32.55, -19.72
CIE LCh	72, 38.054, 328.789
Yxy	44.1846, 0.3212, 0.2642
Android (android.graphics.Color)	4292648406 (0xFFDC9DD6)
YUV	182.3350, 15.6108, 33.0322
Hunter-Lab	66.4715, 27.9051, -15.2971

Details

The XYZ color **53.7098, 44.1846, 69.3160** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.1105, 61.0003, 43.9968**, and the grayscale version is **44.5573, 46.8778, 51.0499**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **26.6194, 20.4989, 35.3546** is the 20% darker color. If you saturate the color by 10%, you get **50.0520, 37.2938, 66.7852**, and if you desaturate by 10%, it is **58.0439, 52.4209, 72.0902**.

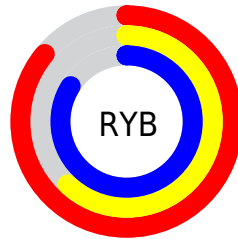
Distribution



Red (86%)

Green (62%)

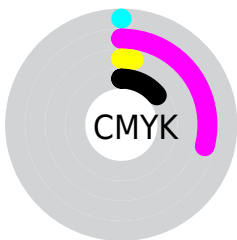
Blue (84%)



Red (86%)

Yellow (62%)

Blue (84%)

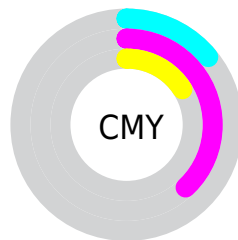


Cyan (0%)

Magenta (29%)

Yellow (3%)

Black (14%)



Cyan (14%)


Magenta (38%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7098, 44.1846, 69.3160 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 53.7098, 44.1846, 69.3160 by changing the saturation by 10% instead.


 53.7098, 44.1846,
69.3160


 53.7098, 44.1846,
69.3160


391.2189,
363.4610, 476.8688

 38.5994, 30.8157,
50.4957

 94.8074, 81.4954,
119.9048

 26.6276, 20.4585,
35.4335


 121.5254,
106.2061, 152.5103

 17.4289, 12.7288,
23.7108


152.8433,
135.4662, 190.5481

 10.6379, 7.2421,
14.9090

189.1264,
169.6601, 234.4366

 5.8894, 3.6139,
8.6096

230.7402,
209.1721, 284.5944

 2.8180, 1.4600,
4.3941

278.0500,

 1.0582, 0.2603,

254.3866, 341.4400

1.8440

331.4211,
305.6882, 405.3919

■ 0.0000, 0.0000,
0.4567

■ 0.0000, 0.0000,
0.0000

■ 53.7098, 44.1846,
69.3160

■ 53.7098, 44.1846,
69.3160

■ 50.0520, 37.2938,
66.7852

■ 58.0439, 52.4209,
72.0902

■ 47.0305, 31.6708,
64.4829

■ 63.0835, 62.0636,
75.1161

■ 44.6072, 27.2388,
62.3969

■ 68.8612, 73.1766,
78.4052

■ 42.7383, 23.9104,
60.5126

■ 75.4060, 85.8185,
81.9671

41.3743, 21.5860,
58.8132

78.7952, 92.1437,
84.4945

40.4564, 20.1485,
57.2792

79.0821, 92.2584,
86.0050

39.8957, 19.4201,
55.8809

79.3724, 92.3746,
87.5340

39.8298, 19.3415,
55.6948

79.6663, 92.4922,
89.0816

79.9638, 92.6111,
90.6479

Harmonies

Analogous

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



48.3554, 44.1846, 87.1312



53.7098, 44.1846, 69.3160



55.8820, 44.1846, 48.8756

Triad

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



53.7098, 44.1846, 69.3160



42.2628, 44.1846, 20.3159



31.9008, 44.1846, 67.6458

Complementary

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



53.7098, 44.1846, 69.3160



46.1105, 61.0003, 43.9968

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.



30.6251, 44.1846, 47.3514



53.7098, 44.1846, 69.3160



36.2204, 44.1846, 22.9240

Square

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



53.7098, 44.1846, 69.3160



48.8635, 44.1846, 23.3921



32.1229, 44.1846, 31.7402



35.8044, 44.1846, 86.0038

Rectangle

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



53.7098, 44.1846, 69.3160



55.0777, 44.1846, 37.4061



32.1229, 44.1846, 31.7402



31.1695, 44.1846, 60.6816

Sweetspot

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



53.7112, 44.1866, 69.3169



87.8107, 86.0814, 104.7604



39.9283, 36.9910, 72.7467



18.5618, 17.9776, 22.2859



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.



53.7112, 44.1866, 69.3169



72.0467, 56.0756, 94.8132



50.1471, 42.7609, 50.5488



13.5581, 13.2523, 16.2003



23.3980, 11.3602, 32.8056



1.5317, 0.7423, 2.2090

Inverse Universe

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



53.7112, 44.1866, 69.3169



72.0467, 56.0756, 94.8132



49.2090, 62.2397, 60.3134



13.5581, 13.2523, 16.2003



23.3980, 11.3602, 32.8056



1.5317, 0.7423, 2.2090

Previews

White Background



This preview shows how the XYZ color 53.7098, 44.1846, 69.3160 looks on a white background.

Color Contrast Check

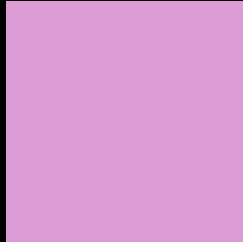
Large Text (above 18pt) WCAG AA × Fail

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 53.7098, 44.1846, 69.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

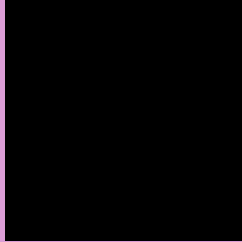
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7098, 44.1846, 69.3160

Background



This preview shows how black text looks on a background with the XYZ color 53.7098, 44.1846, 69.3160.



This preview shows how white text looks on a background with the XYZ color 53.7098, 44.1846,

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

53.7098, 44.1846, 69.3160

Protanopia

44.9075, 44.5961, 78.9141

Deuteranopia

45.4843, 44.5590, 67.8315



Tritanopia

49.2356, 44.1723, 47.5261

Trichromacy



Original Color

53.7098, 44.1846, 69.3160



Protanomaly

47.3804, 43.9641, 75.0960



Deuteranomaly

48.1344, 44.2281, 68.2873



Tritanomaly

50.6544, 43.9592, 54.5304

Monochromacy



Original Color

53.7098, 44.1846, 69.3160



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.4461, 45.5179, 57.3241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7098, 44.1846, 69.3160 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(220, 157, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 157, 214)  
}
```

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(220, 157, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 157, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.7098, 44.1846, 69.3160 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(220, 157, 214) }
```


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

```
.border{ border-color:rgb(220, 157, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 157, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 157, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 157, 214); box-shadow:4px 4px 4px 4px rgb(220, 157, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7098, 44.1846, 69.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 157, 214) }
```

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

```
.background{ background-color: rgb(220,  
157, 214) }
```

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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