

Converting Colors

XYZ(53.1715, 41.7573, 67.6391)

Have a look what the booklet for
XYZ(53.1715, 41.7573, 67.6391)
contains.

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Color

**XYZ(53.2140, 41.7806,
67.5471)**

Conversions

Conversions Part 1

Format	Color
Hex	E094D4
RGB	224, 148, 212
RGB Percent	88%, 58%, 83%
CMY	0.1216, 0.4196, 0.1686
CMYK	0.00, 0.34, 0.05, 0.12
HSL	309°, 55%, 73%
HSV	309°, 34%, 88%
XYZ	53.2140, 41.7806, 67.5471
YIQ	178.0200, 24.7520, 36.0160

Conversions

Conversions Part 2

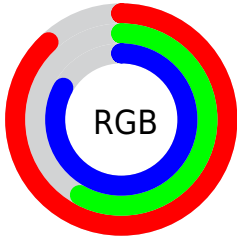
Format	Color
R_{YB}	224, 148, 212
Decimal	14718164
CIE _{Lab}	70.72, 38.31, -21.06
CIE _{LCh}	71, 43.713, 331.202
Yxy	41.7806, 0.3274, 0.2570
Android (android.graphics.Color)	4292908244 (0xFFE094D4)
YUV	178.0200, 16.7521, 40.3245
Hunter-Lab	64.6379, 33.8361, -16.7119

Details

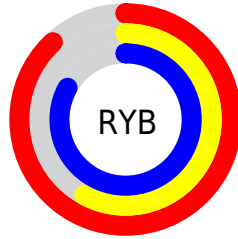
The XYZ color **53.2140, 41.7806, 67.5471** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2153, 62.1465, 42.8727**, and the grayscale version is **42.2337, 44.4331, 48.3877**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **26.4171, 19.1249, 34.1974** is the 20% darker color. If you saturate the color by 10%, you get **49.5936, 35.2453, 64.1632**, and if you desaturate by 10%, it is **57.5266, 49.6832, 71.2108**.

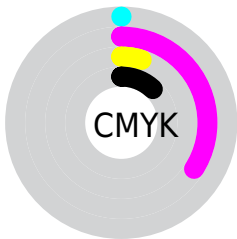
Distribution



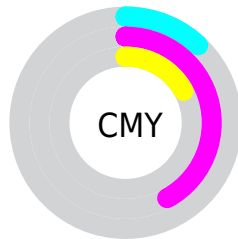
- Red (88%)
- Green (58%)
- Blue (83%)



- Red (88%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2140, 41.7806, 67.5471 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 53.2140, 41.7806, 67.5471 by changing the saturation by 10% instead.


 53.2140, 41.7806,
67.5471


 53.2140, 41.7806,
67.5471


389.3530,
353.5726, 470.4441

 38.2018, 28.9295,
49.0650


 94.0829, 77.8675,
117.3521

 26.3173, 19.0275,
34.3051


 120.6702,
101.8721, 149.5120

 17.1951, 11.6902,
22.8488


151.8467,
130.3633, 187.0683

 10.4698, 6.5331,
14.2777

187.9776,
163.7255, 230.4395

 5.7762, 3.1718,
8.1731

229.4284,
202.3432, 280.0442

 2.7488, 1.2221,
4.1165

276.5643,

 1.0224, 0.0796,

246.6007, 336.3008

1.6895

329.7507,
296.8823, 399.6279

■ 0.0000, 0.0000,
0.3535

■ 0.0000, 0.0000,
0.0000

■ 53.2140, 41.7806,
67.5471

■ 53.2140, 41.7806,
67.5471

■ 49.5936, 35.2453,
64.1632

■ 57.5266, 49.6832,
71.2108

■ 46.6220, 29.9931,
61.0432

■ 62.5639, 59.0199,
75.1642

■ 44.2573, 25.9388,
58.1729

■ 68.3607, 69.8600,
79.4195

■ 42.4504, 22.9850,
55.5360

■ 74.9486, 82.2664,
83.9877

41.1449, 21.0187,
53.1132

80.7397, 93.0630,
88.3397

40.2721, 19.9028,
50.8814

81.2407, 93.2634,
90.9781

39.8859, 19.5055,
49.5965

81.7519, 93.4679,
93.6698

82.2732, 93.6764,
96.4153

82.8048, 93.8891,
99.2146

Harmonies

Analogous

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



47.3748, 41.7806, 88.8664



53.2140, 41.7806, 67.5471



55.3321, 41.7806, 44.6603

Triad

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



53.2140, 41.7806, 67.5471



39.4197, 41.7806, 16.1246



28.9468, 41.7806, 69.4511

Complementary

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



53.2140, 41.7806, 67.5471



45.2153, 62.1465, 42.8727

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.



27.3474, 41.7806, 46.3339



53.2140, 41.7806, 67.5471



32.9221, 41.7806, 19.1866

Square

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



53.2140, 41.7806, 67.5471



46.8078, 41.7806, 18.7198



28.7108, 41.7806, 28.8509



33.3708, 41.7806, 90.1805

Rectangle

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



53.2140, 41.7806, 67.5471



54.1678, 41.7806, 32.5339



28.7108, 41.7806, 28.8509



28.0869, 41.7806, 61.5014

Sweetspot

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



53.2153, 41.7825, 67.5480



86.8063, 84.5391, 102.9873



38.4239, 33.9758, 75.0545



18.3504, 17.6659, 21.8729



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.



53.2153, 41.7825, 67.5480



67.7232, 49.4185, 87.2369



49.0305, 40.1086, 45.5113



14.1972, 13.8965, 16.8084



23.2517, 11.3677, 29.0548



1.6370, 0.7981, 2.1473

Inverse Universe

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



53.2153, 41.7825, 67.5480



67.7232, 49.4185, 87.2369



48.9939, 63.6579, 62.7704



14.1972, 13.8965, 16.8084



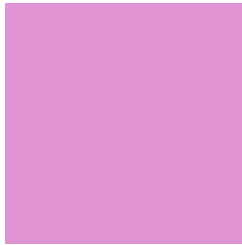
23.2517, 11.3677, 29.0548



1.6370, 0.7981, 2.1473

Previews

White Background



This preview shows how the XYZ color 53.2140, 41.7806, 67.5471 looks on a white background.

Color Contrast Check

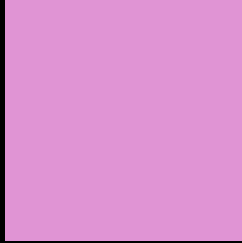
Large Text (above 18pt) WCAG AA × Fail

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 53.2140, 41.7806, 67.5471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

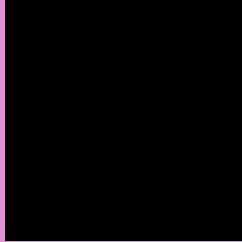
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2140, 41.7806, 67.5471

Background



This preview shows how black text looks on a background with the XYZ color 53.2140, 41.7806, 67.5471.



This preview shows how white text looks on a background with the XYZ color 53.2140, 41.7806,

67.5471.

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

53.2140, 41.7806, 67.5471

Protanopia

42.8063, 42.0521, 79.9895

Deuteranopia

42.8067, 41.8142, 65.4893



Tritanopia

47.8698, 41.5095, 42.5349

Trichromacy



Original Color

53.2140, 41.7806, 67.5471



Protanomaly

45.7079, 41.4672, 75.4069



Deuteranomaly

45.9917, 41.2997, 65.8692



Tritanomaly

49.5582, 41.4588, 50.7377

Monochromacy



Original Color

53.2140, 41.7806, 67.5471



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.6187, 42.9572, 54.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2140, 41.7806, 67.5471 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, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 148, 212)  
}
```

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, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 148, 212) }
```

Border

The CSS property to change the border of an element to XYZ 53.2140, 41.7806, 67.5471 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, 148, 212) }
```


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

```
.border{ border-color:rgb(224, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 148,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2140, 41.7806, 67.5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 148, 212) }
```

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

```
.background{ background-color: rgb(224,  
148, 212) }
```

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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