

Converting Colors

XYZ(51.3394, 39.9945, 59.8826)

Have a look what the booklet for
XYZ(51.3394, 39.9945, 59.8826)
contains.

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Color

**XYZ(51.4499, 40.1242,
59.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	E190C8
RGB	225, 144, 200
RGB Percent	88%, 56%, 78%
CMY	0.1176, 0.4353, 0.2157
CMYK	0.00, 0.36, 0.11, 0.12
HSL	319°, 57%, 72%
HSV	319°, 36%, 88%
XYZ	51.4499, 40.1242, 59.6766
YIQ	174.6030, 30.3000, 34.5880

Conversions

Conversions Part 2

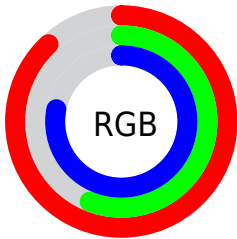
Format	Color
R _Y B	225, 144, 200
Decimal	14782664
CIE Lab	69.56, 38.71, -16.16
CIE LCh	70, 41.945, 337.340
Yxy	40.1242, 0.3402, 0.2653
Android (android.graphics.Color)	4292972744 (0xFFE190C8)
YUV	174.6030, 12.5207, 44.1982
Hunter-Lab	63.3437, 34.1324, -11.5170

Details

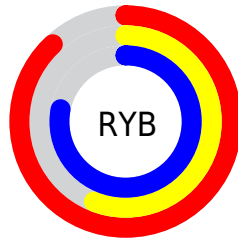
The XYZ color **51.4499, 40.1242, 59.6766** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.5900, 62.6455, 47.2278**, and the grayscale version is **40.4701, 42.5777, 46.3671**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **25.1639, 18.0544, 29.3527** is the 20% darker color. If you saturate the color by 10%, you get **47.5824, 33.6584, 54.4737**, and if you desaturate by 10%, it is **56.0358, 47.9666, 65.3018**.

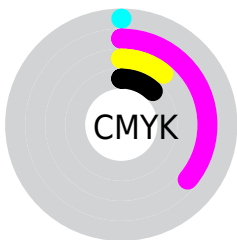
Distribution



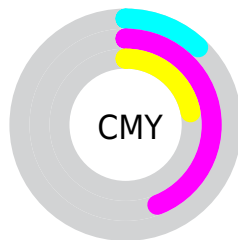
- Red (88%)
- Green (56%)
- Blue (78%)



- Red (88%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (12%)





- Cyan (12%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4499, 40.1242, 59.6766 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 51.4499, 40.1242, 59.6766 by changing the saturation by 10% instead.


 51.4499, 40.1242,
59.6766


 51.4499, 40.1242,
59.6766


382.6681,
346.6468, 441.1762

 36.7893, 27.6354,
42.7344


 91.4985, 75.3526,
105.8992

 25.2173, 18.0510,
29.3469


 117.6172, 98.8610,
136.0166

 16.3686, 10.9866,
19.0956


148.2859,
126.8114, 171.3630

 9.8779, 6.0578,
11.5619

183.8701,
159.5881, 212.3567

 5.3797, 2.8803,
6.3272

224.7351,
197.5756, 259.4163

 2.5088, 1.0696,
2.9731

271.2461,

 0.8997, 0.0000,

241.1583, 312.9604

1.0809

323.7687,
290.7206, 373.4075

■ 0.0000, 0.0000,
0.0000

■ 51.4499, 40.1242,
59.6766

■ 51.4499, 40.1242,
59.6766

■ 47.5824, 33.6584,
54.4737

■ 56.0358, 47.9666,
65.3018

■ 44.3887, 28.4823,
49.6744

■ 61.3740, 57.2548,
71.3616

■ 41.8245, 24.5079,
45.2621


■ 67.5009, 68.0596,
77.8709


■ 39.8387, 21.6336,
41.2172


■ 74.4492, 80.4459,
84.8427


■ 38.3716, 19.7409,
37.5174


■ 81.7673, 93.5100,
92.1289

 37.3495, 18.6832,
34.1353

 82.7891, 93.9187,
97.5095

 37.0145, 18.3928,
32.8533

 83.8505, 94.3432,
103.0986

 84.8616, 94.7477,
108.4232

Harmonies

Analogous

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



46.5869, 40.1242, 80.5218



51.4499, 40.1242, 59.6766



52.5539, 40.1242, 39.0978

Triad

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



51.4499, 40.1242, 59.6766



36.4983, 40.1242, 16.1698



28.6983, 40.1242, 70.4163

Complementary

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



51.4499, 40.1242, 59.6766



45.5900, 62.6455, 47.2278

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.



26.6317, 40.1242, 48.6250



51.4499, 40.1242, 59.6766



30.7758, 40.1242, 20.2521

Square

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



51.4499, 40.1242, 59.6766



43.3731, 40.1242, 17.5319



27.3446, 40.1242, 30.8460



33.3400, 40.1242, 87.8937

Rectangle

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



51.4499, 40.1242, 59.6766



50.9035, 40.1242, 28.7100



27.3446, 40.1242, 30.8460



27.7060, 40.1242, 63.1374

Sweetspot

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



51.4511, 40.1260, 59.6774



85.3825, 82.8457, 98.9550



39.7781, 33.7427, 75.6512



18.0400, 17.3177, 20.9292



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.



51.4511, 40.1260, 59.6774



64.4908, 46.8467, 74.1585



47.3888, 38.5011, 38.2854



14.1055, 13.8598, 16.3256



21.3839, 10.6205, 19.2190



1.5218, 0.7520, 1.5404

Inverse Universe

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



51.4511, 40.1260, 59.6774



64.4908, 46.8467, 74.1585



49.9121, 64.3743, 69.9879



14.1055, 13.8598, 16.3256



21.3839, 10.6205, 19.2190



1.5218, 0.7520, 1.5404

Previews

White Background



This preview shows how the XYZ color 51.4499, 40.1242, 59.6766 looks on a white background.

Color Contrast Check

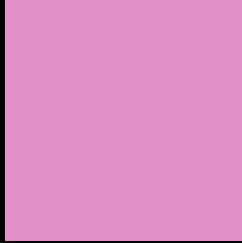
Large Text (above 18pt) WCAG AA × Fail

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 51.4499, 40.1242, 59.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

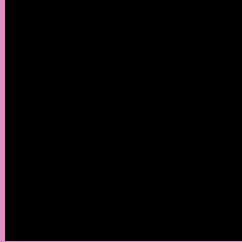
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4499, 40.1242, 59.6766

Background



This preview shows how black text looks on a background with the XYZ color 51.4499, 40.1242, 59.6766.



This preview shows how white text looks on a background with the XYZ color 51.4499, 40.1242,

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

51.4499, 40.1242, 59.6766

Protanopia

40.6276, 40.2841, 71.2799

Deuteranopia

41.2792, 40.3719, 57.8415



Tritanopia

47.4963, 40.1497, 39.8967

Trichromacy



Original Color

51.4499, 40.1242, 59.6766



Protanomaly

43.4474, 39.4445, 66.9516



Deuteranomaly

44.2972, 39.8224, 58.1751



Tritanomaly

48.5506, 39.8440, 46.2061

Monochromacy



Original Color

51.4499, 40.1242, 59.6766



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.9195, 41.3491, 51.0138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4499, 40.1242, 59.6766 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(225, 144, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 144, 200)  
}
```

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(225, 144, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 144, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.4499, 40.1242, 59.6766 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(225, 144, 200) }
```


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

```
.border{ border-color:rgb(225, 144, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 144, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 144, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 144, 200);  
box-shadow:4px 4px 4px 4px rgb(225, 144,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4499, 40.1242, 59.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 144, 200) }
```

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

```
.background{ background-color: rgb(225,  
144, 200) }
```

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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