

Converting Colors

XYZ(45.2160, 39.7666, 40.5436)

Have a look what the booklet for
XYZ(45.2160, 39.7666, 40.5436)
contains.

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Color

**XYZ(45.1204, 39.6404,
40.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	D39AA4
RGB	211, 154, 164
RGB Percent	83%, 60%, 64%
CMY	0.1725, 0.3961, 0.3569
CMYK	0.00, 0.27, 0.22, 0.17
HSL	349°, 39%, 72%
HSV	349°, 27%, 83%
XYZ	45.1204, 39.6404, 40.3952
YIQ	172.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

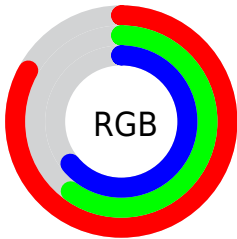
Format	Color
R _Y B	211, 154, 164
Decimal	13867684
CIE Lab	69.21, 22.75, 3.21
CIE LCh	69, 22.974, 8.028
Yxy	39.6404, 0.3605, 0.3167
Android (android.graphics.Color)	4292057764 (0xFFD39AA4)
YUV	172.1830, -4.0342, 34.0425
Hunter-Lab	62.9606, 17.7400, 6.0323

Details

The XYZ color **45.1204, 39.6404, 40.3952** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1650, 57.6766, 63.9080**, and the grayscale version is **39.3151, 41.3626, 45.0438**.

A 20% lighter version of the original color is **76.8266, 71.9754, 76.8613**, and **21.1936, 17.6412, 17.6173** is the 20% darker color. If you saturate the color by 10%, you get **40.4739, 32.6921, 31.6171**, and if you desaturate by 10%, it is **50.5962, 47.9025, 50.5113**.

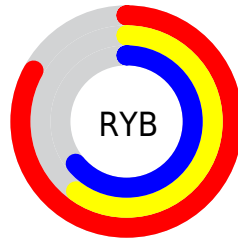
Distribution



Red (83%)

Green (60%)

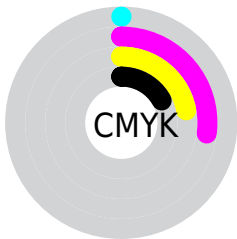
Blue (64%)



Red (83%)

Yellow (60%)

Blue (64%)

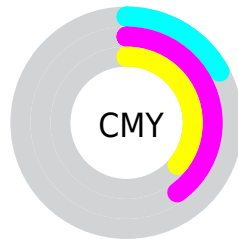


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1204, 39.6404, 40.3952 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 45.1204, 39.6404, 40.3952 by changing the saturation by 10% instead.

 45.1204, 39.6404,
40.3952


 45.1204, 39.6404,
40.3952


358.0365,
344.6056, 363.3880

 31.7540, 27.2583,
27.5307

 82.1370, 74.6156,
77.0086

 21.3283, 17.7673,
17.7362


 106.5179, 97.9775,
101.5946

 13.4780, 10.7830,
10.5933


135.3009,
125.7681, 130.9247

 7.8378, 5.9211,
5.6834

168.8515,
158.3718, 165.4177

 4.0422, 2.7972,
2.5879

207.5350,
196.1730, 205.4919

 1.7261, 1.0268,
0.8862

251.7168,

 0.4725, 0.0000,

239.5561, 251.5661

0.0000

301.7621,
288.9055, 304.0586

0.0000, 0.0000,
0.0000

45.1204, 39.6404,
40.3952

45.1204, 39.6404,
40.3952

40.4739, 32.6921,
31.6171

50.5962, 47.9025,
50.5113

36.6127, 26.9847,
24.1182

56.9360, 57.5357,
62.0159

33.4937, 22.4462,
17.8389

64.1762, 68.6004,
74.9599

31.0682, 18.9954,
12.7137

72.3505, 81.1518,
89.3908

29.2815, 16.5403,
8.6711

80.0365, 92.3339,
104.8695

■ 28.0706, 14.9736,
5.6310

■ 80.6741, 92.5890,
108.2272

■ 27.3541, 14.1545,
3.5001

■ 27.1981, 13.9826,
3.0161

Harmonies

Analogous

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



44.6213, 39.6404, 51.1896



45.1204, 39.6404, 40.3952



43.5251, 39.6404, 31.8509

Triad

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



45.1204, 39.6404, 40.3952



33.4872, 39.6404, 29.0959



35.0931, 39.6404, 64.7939

Complementary

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



45.1204, 39.6404, 40.3952



47.1650, 57.6766, 63.9080

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.



32.3777, 39.6404, 56.8757



45.1204, 39.6404, 40.3952



31.4934, 39.6404, 36.0203

Square

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



45.1204, 39.6404, 40.3952



36.6982, 39.6404, 26.0562



31.1008, 39.6404, 46.0516



38.6730, 39.6404, 66.4763

Rectangle

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



45.1204, 39.6404, 40.3952



41.5460, 39.6404, 28.1627



31.1008, 39.6404, 46.0516



34.0560, 39.6404, 62.7177

Sweetspot

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



45.1215, 39.6422, 40.3960



86.2927, 86.6314, 93.1993



47.2813, 40.1715, 66.8902



18.1394, 18.0391, 19.3512



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.



45.1215, 39.6422, 40.3960



65.3064, 54.9192, 54.5722



47.4600, 45.7077, 36.8952



11.8922, 11.8416, 12.7080



16.4406, 8.4491, 1.9605



0.9457, 0.4830, 0.2489

Inverse Universe

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



45.1215, 39.6422, 40.3960



65.3064, 54.9192, 54.5722



44.1447, 49.6924, 68.8933



11.8922, 11.8416, 12.7080



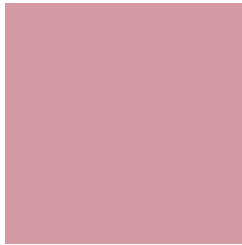
16.4406, 8.4491, 1.9605



0.9457, 0.4830, 0.2489

Previews

White Background



This preview shows how the XYZ color 45.1204, 39.6404, 40.3952 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 45.1204, 39.6404, 40.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

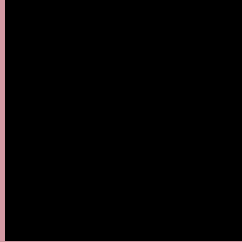
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1204, 39.6404, 40.3952

Background



This preview shows how black text looks on a background with the XYZ color 45.1204, 39.6404, 40.3952.



This preview shows how white text looks on a background with the XYZ color 45.1204, 39.6404,

40.3952.

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

45.1204, 39.6404, 40.3952

Protanopia

38.2436, 39.6417, 44.6657

Deuteranopia

40.5361, 39.8509, 39.7379



Tritanopia

45.3025, 39.7133, 41.3541

Trichromacy



Original Color

45.1204, 39.6404, 40.3952

Protanomaly

40.5083, 39.4981, 43.0250

Deuteranomaly

41.9466, 39.5217, 40.0680

Tritanomaly

45.2111, 39.6767, 40.8728

Monochromacy



Original Color

45.1204, 39.6404, 40.3952

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.8663, 40.2139, 43.1443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1204, 39.6404, 40.3952 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(211, 154, 164)` looks like.

```
.text, #text, p{  
    color:rgb(211, 154, 164)  
}
```

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(211, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 154, 164) }
```

Border

The CSS property to change the border of an element to XYZ 45.1204, 39.6404, 40.3952 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(211, 154, 164) }
```


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

```
.border{ border-color:rgb(211, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(211, 154,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1204, 39.6404, 40.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 154, 164) }
```

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

```
.background{ background-color: rgb(211,  
154, 164) }
```

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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