

Converting Colors

XYZ(39.6941, 32.5108, 41.2809)

Have a look what the booklet for
XYZ(39.6941, 32.5108, 41.2809)
contains.

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Color

**XYZ(39.5513, 32.4345,
41.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	C887A8
RGB	200, 135, 168
RGB Percent	78%, 53%, 66%
CMY	0.2157, 0.4706, 0.3412
CMYK	0.00, 0.32, 0.16, 0.22
HSL	330°, 37%, 66%
HSV	330°, 32%, 78%
XYZ	39.5513, 32.4345, 41.2217
YIQ	158.1970, 28.1470, 24.0430

Conversions

Conversions Part 2

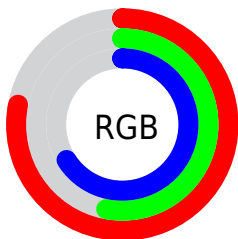
Format	Color
R _{YB}	200, 135, 168
Decimal	13141928
CIE Lab	63.70, 29.75, -7.27
CIE LCh	64, 30.627, 346.271
Yxy	32.4345, 0.3494, 0.2865
Android (android.graphics.Color)	4291332008 (0xFFC887A8)
YUV	158.1970, 4.8329, 36.6612
Hunter-Lab	56.9513, 24.2992, -3.0486

Details

The XYZ color **39.5513, 32.4345, 41.2217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.6224, 49.2504, 44.0849**, and the grayscale version is **32.5594, 34.2551, 37.3038**.

A 20% lighter version of the original color is **72.7569, 62.9829, 78.1342**, and **17.9998, 13.6213, 18.2035** is the 20% darker color. If you saturate the color by 10%, you get **36.1357, 27.0160, 35.7274**, and if you desaturate by 10%, it is **43.5624, 38.9321, 47.2580**.

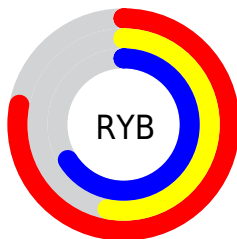
Distribution



Red (78%)

Green (53%)

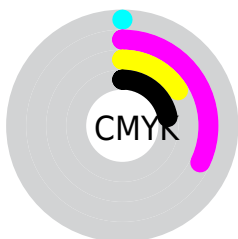
Blue (66%)



Red (78%)

Yellow (53%)

Blue (66%)

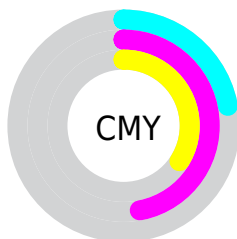


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (47%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5513, 32.4345, 41.2217 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 39.5513, 32.4345, 41.2217 by changing the saturation by 10% instead.


 39.5513, 32.4345,
41.2217


 39.5513, 32.4345,
41.2217

335.3957,
313.0938, 366.9504


 27.3715, 21.6936,
28.1714


 73.7685, 63.4916,
78.2777

 17.9905, 13.6319,
18.2147


 96.5365, 84.5766,
103.1203

 11.0428, 7.8651,
10.9332


 123.5648,
109.8785, 132.7309

 6.1631, 4.0088,
5.9083

155.2185,
139.7815, 167.5278

 2.9861, 1.6785,
2.7215

191.8631,
174.6702, 207.9297

 1.1464, 0.4097,
0.9542

233.8640,

 0.0634, 0.0000,

214.9289, 254.3551

0.0000

281.5864,
260.9419, 307.2225

0.0000, 0.0000,
0.0000

39.5513, 32.4345,
41.2217

39.5513, 32.4345,
41.2217

36.1357, 27.0160,
35.7274

43.5624, 38.9321,
47.2580

33.2819, 22.6126,
30.7552

48.1948, 46.5591,
53.8511

30.9569, 19.1606,
26.2867


53.4761, 55.3681,
61.0177


29.1228, 16.5870,
22.3012


59.4314, 65.4070,
68.7730


27.7366, 14.8081,
18.7758


66.0844, 76.7212,
77.1315


 26.7465, 13.7236,
15.6847

 73.4560, 89.3500,
86.1068

 26.1948, 13.2295,
13.6222

 74.8552, 89.9097,
93.4749

 76.3334, 90.5010,
101.2591

 77.6296, 91.0195,
108.0847

Harmonies

Analogous

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



37.1782, 32.4345, 54.2826



39.5513, 32.4345, 41.2217



39.4397, 32.4345, 29.1043

Triad

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



39.5513, 32.4345, 41.2217



28.5752, 32.4345, 17.1518



25.4725, 32.4345, 55.2748

Complementary

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



39.5513, 32.4345, 41.2217



37.6224, 49.2504, 44.0849

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.



23.5711, 32.4345, 42.3533



39.5513, 32.4345, 41.2217



25.2455, 32.4345, 21.3784

Square

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



39.5513, 32.4345, 41.2217



32.8266, 32.4345, 16.9849



23.4921, 32.4345, 30.0025



28.9123, 32.4345, 63.5795

Rectangle

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



39.5513, 32.4345, 41.2217



37.9648, 32.4345, 23.1069



23.4921, 32.4345, 30.0025



24.6469, 32.4345, 51.2084

Sweetspot

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



39.5522, 32.4360, 41.2224



85.4919, 84.0133, 96.0658



34.9041, 29.6519, 58.5278



18.0315, 17.5383, 20.1937



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.



39.5522, 32.4360, 41.2224



64.1982, 49.3442, 64.5569



36.9345, 31.3889, 27.4375



10.8548, 10.7253, 12.2185



16.7008, 8.4299, 8.9003



0.8273, 0.4138, 0.6138

Inverse Universe

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



39.5522, 32.4360, 41.2224



64.1982, 49.3442, 64.5569



40.9461, 50.5799, 61.5874



10.8548, 10.7253, 12.2185



16.7008, 8.4299, 8.9003



0.8273, 0.4138, 0.6138

Previews

White Background



This preview shows how the XYZ color 39.5513, 32.4345, 41.2217 looks on a white background.

Color Contrast Check

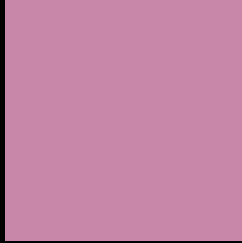
Large Text (above 18pt) WCAG AA × Fail

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 39.5513, 32.4345, 41.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

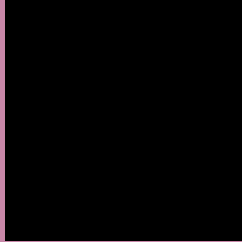
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5513, 32.4345, 41.2217

Background



This preview shows how black text looks on a background with the XYZ color 39.5513, 32.4345, 41.2217.



This preview shows how white text looks on a background with the XYZ color 39.5513, 32.4345,

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

39.5513, 32.4345, 41.2217

Protanopia

32.2071, 32.5618, 47.7676

Deuteranopia

33.2149, 32.5286, 40.1253



Tritanopia

37.8020, 32.3527, 32.6861

Trichromacy



Original Color

39.5513, 32.4345, 41.2217

Protanomaly

34.2638, 32.0172, 45.4483

Deuteranomaly

35.3684, 32.4689, 40.4794

Tritanomaly

38.4996, 32.4337, 35.6837

Monochromacy



Original Color

39.5513, 32.4345, 41.2217

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.6615, 33.3056, 38.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5513, 32.4345, 41.2217 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(200, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(200, 135, 168)  
}
```

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(200, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 135, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.5513, 32.4345, 41.2217 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(200, 135, 168) }
```


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

```
.border{ border-color:rgb(200, 135, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 135, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(200, 135,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5513, 32.4345, 41.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 135, 168) }
```

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

```
.background{ background-color: rgb(200,  
135, 168) }
```

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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