

Converting Colors

XYZ(40.4439, 32.2413, 57.6182)

Have a look what the booklet for
XYZ(40.4439, 32.2413, 57.6182)
contains.

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Color

**XYZ(40.4564, 32.3339,
57.5349)**

Conversions

Conversions Part 1

Format	Color
Hex	C086C6
RGB	192, 134, 198
RGB Percent	75%, 53%, 78%
CMY	0.2471, 0.4745, 0.2235
CMYK	0.03, 0.32, 0.00, 0.22
HSL	294°, 36%, 65%
HSV	294°, 32%, 78%
XYZ	40.4564, 32.3339, 57.5349
YIQ	158.6380, 14.0240, 32.2000

Conversions

Conversions Part 2

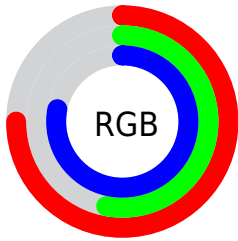
Format	Color
R_{YB}	192, 134, 198
Decimal	12617414
CIE _{Lab}	63.62, 32.93, -24.42
CIE _{LCh}	64, 40.999, 323.444
Yxy	32.3339, 0.3104, 0.2481
Android (android.graphics.Color)	4290807494 (0xFFC086C6)
YUV	158.6380, 19.4055, 29.2585
Hunter-Lab	56.8629, 27.4878, -20.1866

Details

The XYZ color **40.4564, 32.3339, 57.5349** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.3135, 47.6857, 29.8989**, and the grayscale version is **32.7002, 34.4032, 37.4651**.

A 20% lighter version of the original color is **75.1001, 63.3262, 102.8727**, and **18.4438, 13.5185, 28.0228** is the 20% darker color. If you saturate the color by 10%, you get **37.5050, 27.1239, 56.6853**, and if you desaturate by 10%, it is **43.9281, 38.5744, 58.5569**.

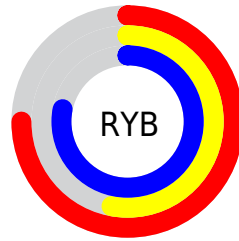
Distribution



Red (75%)

Green (53%)

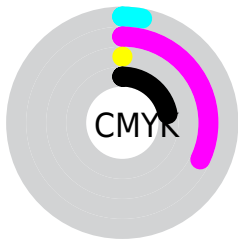
Blue (78%)



Red (75%)

Yellow (53%)

Blue (78%)

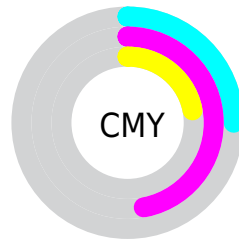


Cyan (3%)

Magenta (32%)

Yellow (0%)

Black (22%)



Cyan (25%)


Magenta (47%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4564, 32.3339, 57.5349 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 40.4564, 32.3339, 57.5349 by changing the saturation by 10% instead.


 40.4564, 32.3339,
57.5349


 40.4564, 32.3339,
57.5349


339.1450,
312.6375, 433.0004


 28.0804, 21.6167,
41.0226


 75.1379, 63.3342,
102.7533

 18.5270, 13.5755,
28.0169


 98.1741, 84.3860,
132.2966

 11.4310, 7.8260,
18.0993


 125.4945,
109.6515, 167.0205

 6.4269, 3.9838,
10.8511

157.4642,
139.5150, 207.3438

 3.1495, 1.6645,
5.8539

194.4488,
174.3610, 253.6849

 1.2333, 0.4005,
2.6891

236.8136,

 0.1324, 0.0000,

214.5738, 306.4623

0.9379

284.9239,
260.5378, 366.0946

■ 0.0000, 0.0000,
0.0000

■ 40.4564, 32.3339,
57.5349

■ 40.4564, 32.3339,
57.5349

■ 37.5050, 27.1239,
56.6853

■ 43.9281, 38.5744,
58.5569

■ 35.0422, 22.8829,
55.9965

■ 47.9435, 45.8942,
59.7582

■ 33.0375, 19.5493,
55.4587

■ 52.5282, 54.3437,
61.1475

■ 31.4557, 17.0528,
55.0602

■ 57.7053, 63.9693,
62.7325

■ 30.2564, 15.3126,
54.7875

■ 63.4968, 74.8144,
64.5206

■ 29.3912, 14.2321,
54.6246

■ 69.9232, 86.9206,
66.5186

■ 28.8852, 13.7134,
54.5511

■ 71.1285, 88.5756,
66.7745

■ 71.6436, 88.8412,
66.7986

■ 72.1648, 89.1099,
66.8230

Harmonies

Analogous

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



35.3262, 32.3339, 72.8015



40.4564, 32.3339, 57.5349



43.0251, 32.3339, 38.9319

Triad

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



40.4564, 32.3339, 57.5349



32.0072, 32.3339, 12.2464



21.6942, 32.3339, 49.3068

Complementary

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



40.4564, 32.3339, 57.5349



35.3135, 47.6857, 29.8989

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.



21.0372, 32.3339, 31.7260



40.4564, 32.3339, 57.5349



26.5552, 32.3339, 13.4711

Square

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



40.4564, 32.3339, 57.5349



37.7706, 32.3339, 15.4599



22.7066, 32.3339, 19.5618



24.6278, 32.3339, 67.1109

Rectangle

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



40.4564, 32.3339, 57.5349



42.7381, 32.3339, 28.3695



22.7066, 32.3339, 19.5618



21.2162, 32.3339, 43.0613

Sweetspot

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



40.4574, 32.3353, 57.5356



86.5738, 84.3452, 106.3251



29.4626, 28.0204, 57.2822



18.2936, 17.6185, 22.6865



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.



40.4574, 32.3353, 57.5356



67.7559, 50.3807, 100.7611



39.2997, 32.0513, 43.3478



10.9813, 10.7641, 13.4164



18.8236, 8.9382, 35.4775



0.9206, 0.4383, 1.6812

Inverse Universe

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



36.5485, 30.9508, 28.8601



59.8331, 47.5982, 41.5705



36.3370, 47.9814, 40.4221



10.6736, 10.6528, 11.2644



15.2336, 7.8430, 1.1741



0.7355, 0.3770, 0.1301

Previews

White Background



This preview shows how the XYZ color 40.4564, 32.3339, 57.5349 looks on a white background.

Color Contrast Check

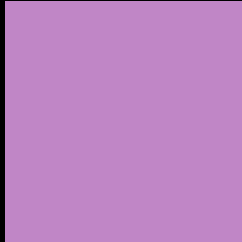
Large Text (above 18pt) WCAG AA × Fail

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 40.4564, 32.3339, 57.5349 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 40.4564, 32.3339, 57.5349

Background



This preview shows how black text looks on a background with the XYZ color 40.4564, 32.3339, 57.5349.



This preview shows how white text looks on a background with the XYZ color 40.4564, 32.3339,

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

40.4564, 32.3339, 57.5349

Protanopia

33.4284, 32.5283, 66.8041

Deuteranopia

33.1297, 32.3692, 56.1315



Tritanopia

35.9049, 32.4171, 34.9366

Trichromacy



Original Color

40.4564, 32.3339, 57.5349

Protanomaly

35.2925, 31.9239, 63.3333

Deuteranomaly

35.3990, 32.1288, 56.5603

Tritanomaly

37.3728, 32.3498, 42.3046

Monochromacy



Original Color

40.4564, 32.3339, 57.5349

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.2438, 33.4877, 44.1414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4564, 32.3339, 57.5349 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(192, 134, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 134, 198)  
}
```

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(192, 134, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 134, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.4564, 32.3339, 57.5349 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(192, 134, 198) }
```


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

```
.border{ border-color:rgb(192, 134, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 134, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 134, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 134, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 134,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4564, 32.3339, 57.5349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 134, 198) }
```

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

```
.background{ background-color: rgb(192,  
134, 198) }
```

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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