

Converting Colors

XYZ(40.9061, 32.5649, 57.6388)

Have a look what the booklet for
XYZ(40.9061, 32.5649, 57.6388)
contains.

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Color

**XYZ(40.9663, 32.5967,
57.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	C286C6
RGB	194, 134, 198
RGB Percent	76%, 53%, 78%
CMY	0.2392, 0.4745, 0.2235
CMYK	0.02, 0.32, 0.00, 0.22
HSL	296°, 36%, 65%
HSV	296°, 32%, 78%
XYZ	40.9663, 32.5967, 57.5587
YIQ	159.2360, 15.2160, 32.6240

Conversions

Conversions Part 2

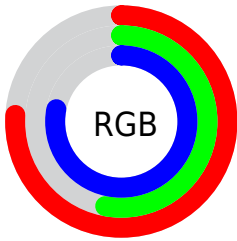
Format	Color
RYB	194, 134, 198
Decimal	12748486
CIELab	63.83, 33.58, -24.07
CIELCh	64, 41.316, 324.366
Yxy	32.5967, 0.3124, 0.2486
Android (android.graphics.Color)	4290938566 (0xFFC286C6)
YUV	159.2360, 19.1107, 30.4880
Hunter-Lab	57.0935, 28.1654, -19.8076

Details

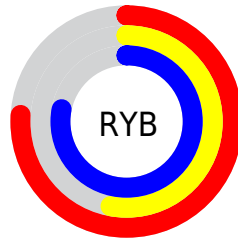
The XYZ color **40.9663, 32.5967, 57.5587** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.9794, 47.5134, 29.8831**, and the grayscale version is **32.9739, 34.6911, 37.7786**.

A 20% lighter version of the original color is **75.8169, 63.6957, 102.9063**, and **18.7748, 13.6891, 28.0383** is the 20% darker color. If you saturate the color by 10%, you get **38.1658, 27.4645, 56.7162**, and if you desaturate by 10%, it is **44.2839, 38.7578, 58.5735**.

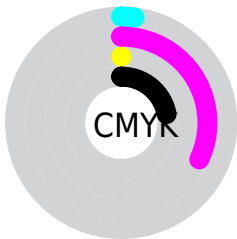
Distribution



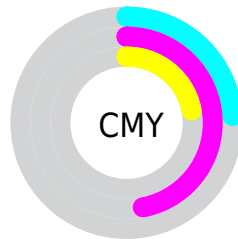
- Red (76%)
- Green (53%)
- Blue (78%)



- Red (76%)
- Yellow (53%)
- Blue (78%)



- Cyan (2%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)




- Cyan (24%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9663, 32.5967, 57.5587 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 40.9663, 32.5967, 57.5587 by changing the saturation by 10% instead.


 40.9663, 32.5967,
57.5587


 40.9663, 32.5967,
57.5587


341.2447,
313.8285, 433.0918


 28.4803, 21.8177,
41.0416


 75.9078, 63.7454,
102.7884

 18.8303, 13.7230,
28.0317


 99.0939, 84.8838,
132.3380

 11.6510, 7.9283,
18.1103


 126.5776,
110.2441, 167.0690

 6.5770, 4.0491,
10.8589

158.7240,
140.2108, 207.3997

 3.2430, 1.7011,
5.8591

195.8986,
175.1682, 253.7489

 1.2835, 0.4243,
2.6922

238.4666,

 0.1708, 0.0000,

215.5007, 306.5349

0.9395

286.7936,
261.5926, 366.1763

■ 0.0000, 0.0000,
0.0000

■ 40.9663, 32.5967,
57.5587

■ 40.9663, 32.5967,
57.5587

■ 38.1658, 27.4645,
56.7162

■ 44.2839, 38.7578,
58.5735

■ 35.8505, 23.2995,
56.0343

■ 48.1419, 45.9964,
59.7674

■ 33.9901, 20.0403,
55.5032

■ 52.5659, 54.3631,
61.1491

■ 32.5493, 17.6166,
55.1113

■ 57.5790, 63.9040,
62.7265

■ 31.4878, 15.9474,
54.8451

■ 63.2030, 74.6629,
64.5068

■ 30.7572, 14.9363,
54.6885

■ 69.4587, 86.6810,
66.4968

■ 30.3525, 14.4698,
54.6197

■ 70.4900, 88.2465,
66.7446

■ 70.8276, 88.4205,
66.7604

■ 71.1679, 88.5959,
66.7763

Harmonies

Analogous

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



35.8182, 32.5967, 73.2923



40.9663, 32.5967, 57.5587



43.4679, 32.5967, 38.7231

Triad

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



40.9663, 32.5967, 57.5587



32.0907, 32.5967, 12.2409



21.8878, 32.5967, 50.3787

Complementary

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



40.9663, 32.5967, 57.5587



34.9794, 47.5134, 29.8831

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.



21.1505, 32.5967, 32.4463



40.9663, 32.5967, 57.5587



26.6023, 32.5967, 13.6134

Square

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



40.9663, 32.5967, 57.5587



37.9493, 32.5967, 15.3378



22.7683, 32.5967, 19.9384



24.9247, 32.5967, 68.3213

Rectangle

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



40.9663, 32.5967, 57.5587



43.0992, 32.5967, 28.1381



22.7683, 32.5967, 19.9384



21.3801, 32.5967, 44.0277

Sweetspot

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



40.9673, 32.5981, 57.5594



86.8640, 84.4948, 106.3386



29.1526, 27.4006, 57.1789



18.3643, 17.6550, 22.6898



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.



40.9673, 32.5981, 57.5594



68.8536, 50.9465, 100.8124



39.0957, 31.9697, 42.2739



11.0151, 10.7816, 13.4180



19.7660, 9.4240, 35.5216



0.9562, 0.4567, 1.6829

Inverse Universe

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



36.4022, 30.8923, 28.0902



59.5538, 47.4865, 40.0998



36.5246, 48.0564, 41.4103



10.6603, 10.6475, 11.1944



15.2011, 7.8300, 1.0030



0.7293, 0.3746, 0.0979

Previews

White Background



This preview shows how the XYZ color 40.9663, 32.5967, 57.5587 looks on a white background.

Color Contrast Check

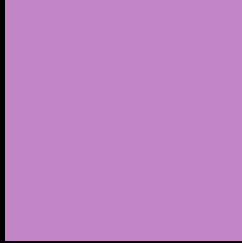
Large Text (above 18pt) WCAG AA × Fail

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 40.9663, 32.5967, 57.5587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

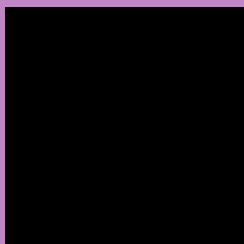
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9663, 32.5967, 57.5587

Background



This preview shows how black text looks on a background with the XYZ color 40.9663, 32.5967, 57.5587.



This preview shows how white text looks on a background with the XYZ color 40.9663, 32.5967,

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

40.9663, 32.5967, 57.5587

Protanopia

33.7561, 32.9392, 66.8661

Deuteranopia

33.6562, 32.8806, 56.2025



Tritanopia

36.3942, 32.6694, 34.9595

Trichromacy



Original Color

40.9663, 32.5967, 57.5587

Protanomaly

35.6419, 32.3319, 63.3936

Deuteranomaly

35.8151, 32.3433, 56.5798

Tritanomaly

37.8690, 32.6056, 42.3278

Monochromacy



Original Color

40.9663, 32.5967, 57.5587

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.4624, 33.6005, 44.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9663, 32.5967, 57.5587 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(194, 134, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 134, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 134, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.9663, 32.5967, 57.5587 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(194, 134, 198) }
```


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

```
.border{ border-color:rgb(194, 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(194, 134, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 134, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 134, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 134,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9663, 32.5967, 57.5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 134, 198) }
```

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

```
.background{ background-color: rgb(194,  
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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