

Converting Colors

XYZ(41.4205, 32.1748, 57.5309)

Have a look what the booklet for
XYZ(41.4205, 32.1748, 57.5309)
contains.

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Color

**XYZ(41.3353, 32.1801,
57.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	C583C6
RGB	197, 131, 198
RGB Percent	77%, 51%, 78%
CMY	0.2274, 0.4863, 0.2235
CMYK	0.01, 0.34, 0.00, 0.22
HSL	299°, 37%, 65%
HSV	299°, 34%, 78%
XYZ	41.3353, 32.1801, 57.4589
YIQ	158.3720, 17.8290, 34.8290

Conversions

Conversions Part 2

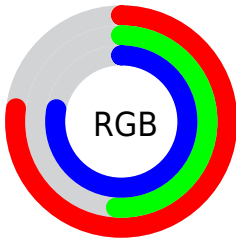
Format	Color
RYB	197, 131, 198
Decimal	12944326
CIELab	63.49, 36.18, -24.57
CIELCh	63, 43.734, 325.826
Yxy	32.1801, 0.3156, 0.2457
Android (android.graphics.Color)	4291134406 (0xFFC583C6)
YUV	158.3720, 19.5366, 33.8768
Hunter-Lab	56.7275, 30.7934, -20.3452

Details

The XYZ color **41.3353, 32.1801, 57.4589** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.8076, 46.9332, 28.7514**, and the grayscale version is **32.5775, 34.2740, 37.3244**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **19.0580, 13.5017, 27.9872** is the 20% darker color. If you saturate the color by 10%, you get **38.8489, 27.3214, 56.6526**, and if you desaturate by 10%, it is **44.3320, 38.0580, 58.4360**.

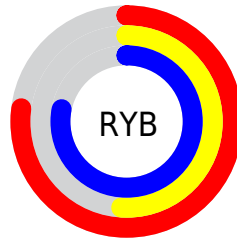
Distribution



Red (77%)

Green (51%)

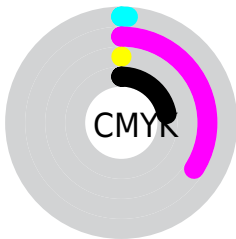
Blue (78%)



Red (77%)

Yellow (51%)

Blue (78%)

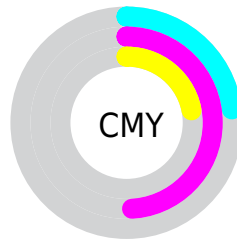


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (49%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3353, 32.1801, 57.4589 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 41.3353, 32.1801, 57.4589 by changing the saturation by 10% instead.

 41.3353, 32.1801,
57.4589


 41.3353, 32.1801,
57.4589


342.7587,
311.9388, 432.7085


 28.7700, 21.4991,
40.9620


 76.4641, 63.0933,
102.6414

 19.0503, 13.4893,
27.9699


 99.7584, 84.0943,
132.1642

 11.8109, 7.7663,
18.0641


 127.3596,
109.3041, 166.8659

 6.6863, 3.9458,
10.8261

159.6333,
139.1071, 207.1651

 3.3113, 1.6433,
5.8373

196.9446,
173.8877, 253.4805

 1.3204, 0.3865,
2.6792

239.6591,

 0.1984, 0.0000,

214.0302, 306.2305

0.9329

288.1420,
259.9192, 365.8336

■ 0.0000, 0.0000,
0.0000

■ 41.3353, 32.1801,
57.4589

■ 41.3353, 32.1801,
57.4589

■ 38.8489, 27.3214,
56.6526

■ 44.3320, 38.0580,
58.4360

■ 36.8408, 23.4196,
56.0053

■ 47.8628, 45.0043,
59.5906

■ 35.2799, 20.4122,
55.5071

■ 51.9534, 53.0702,
60.9319

■ 34.1305, 18.2274,
55.1460

■ 56.6272, 62.3022,
62.4675

■ 33.3512, 16.7826,
54.9082

■ 61.9063, 72.7444,
64.2049

■ 32.8920, 15.9778,
54.7770

■ 67.8113, 84.4384,
66.1508

■ 32.7110, 15.6856,
54.7302

■ 69.5247, 87.7488,
66.6995

■ 69.6031, 87.7893,
66.7031

■ 69.6818, 87.8298,
66.7068

Harmonies

Analogous

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



35.9774, 32.1801, 74.7336



41.3353, 32.1801, 57.4589



43.8174, 32.1801, 37.5374

Triad

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



41.3353, 32.1801, 57.4589



31.4467, 32.1801, 11.1023



21.2087, 32.1801, 51.7764

Complementary

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



41.3353, 32.1801, 57.4589



33.8076, 46.9332, 28.7514

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.



20.3291, 32.1801, 32.6533



41.3353, 32.1801, 57.4589



25.7625, 32.1801, 12.6881

Square

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



41.3353, 32.1801, 57.4589



37.6480, 32.1801, 13.9694



21.8836, 32.1801, 19.3728



24.4678, 32.1801, 70.7606

Rectangle

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



41.3353, 32.1801, 57.4589



43.2948, 32.1801, 26.6641



21.8836, 32.1801, 19.3728



20.6452, 32.1801, 45.0052

Sweetspot

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



41.3363, 32.1815, 57.4596



87.3080, 84.7236, 106.3594



27.8216, 25.4382, 56.8703



18.4726, 17.7108, 22.6949



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.



41.3363, 32.1815, 57.4596



69.6968, 50.1420, 100.6127



38.2538, 30.9789, 39.8568



11.0669, 10.8083, 13.4204



21.2795, 10.2042, 35.5924



1.0127, 0.4858, 1.6855

Inverse Universe

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



35.5709, 29.9057, 25.7287



57.8866, 45.4839, 35.4382



36.2005, 47.8724, 42.1643



10.6402, 10.6395, 11.0885



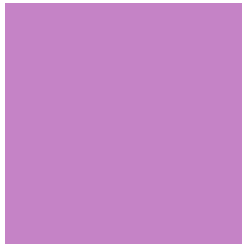
15.1586, 7.8130, 0.7790



0.7200, 0.3709, 0.0489

Previews

White Background



This preview shows how the XYZ color 41.3353, 32.1801, 57.4589 looks on a white background.

Color Contrast Check

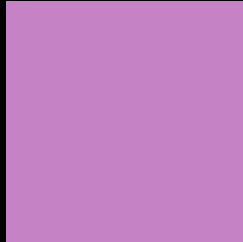
Large Text (above 18pt) WCAG AA × Fail

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 41.3353, 32.1801, 57.4589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

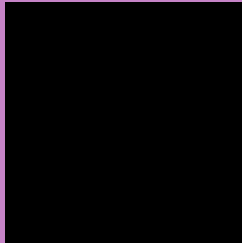
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3353, 32.1801, 57.4589

Background



This preview shows how black text looks on a background with the XYZ color 41.3353, 32.1801, 57.4589.



This preview shows how white text looks on a background with the XYZ color 41.3353, 32.1801,

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

41.3353, 32.1801, 57.4589

Protanopia

33.5192, 32.5458, 68.1336

Deuteranopia

33.0170, 32.3242, 55.5379



Tritanopia

36.4499, 32.0669, 33.5466

Trichromacy



Original Color

41.3353, 32.1801, 57.4589



Protanomaly

35.4590, 31.7697, 63.9378



Deuteranomaly

35.5495, 31.9936, 55.9315



Tritanomaly

38.0059, 32.0559, 41.2301

Monochromacy



Original Color

41.3353, 32.1801, 57.4589



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.1460, 32.9676, 44.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3353, 32.1801, 57.4589 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(197, 131, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 131, 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(197, 131, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 131, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.3353, 32.1801, 57.4589 is called "border". The border property can be set on classes, ids or directly on the HTML element.

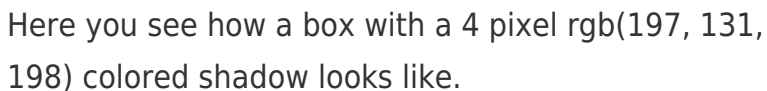
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 131, 198) }
```


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

```
.border{ border-color:rgb(197, 131, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 131, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 131, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 131, 198); box-shadow:4px 4px 4px 4px rgb(197, 131, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3353, 32.1801, 57.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 131, 198) }
```

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

```
.background{ background-color: rgb(197,  
131, 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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