

Converting Colors

XYZ(42.4593, 32.0277, 59.4791)

Have a look what the booklet for
XYZ(42.4593, 32.0277, 59.4791)
contains.

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Color

**XYZ(42.3492, 32.0729,
59.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	C980C9
RGB	201, 128, 201
RGB Percent	79%, 50%, 79%
CMY	0.2118, 0.4980, 0.2118
CMYK	0.00, 0.36, 0.00, 0.21
HSL	300°, 40%, 65%
HSV	300°, 36%, 79%
XYZ	42.3492, 32.0729, 59.2170
YIQ	158.1490, 20.0750, 38.1790

Conversions

Conversions Part 2

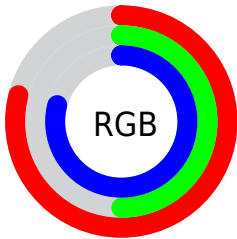
Format	Color
R_{YB}	201, 128, 201
Decimal	13205705
CIE _{Lab}	63.40, 39.64, -26.35
CIE _{LCh}	63, 47.596, 326.384
Yxy	32.0729, 0.3169, 0.2400
Android (android.graphics.Color)	4291395785 (0xFFC980C9)
YUV	158.1490, 21.1255, 37.5803
Hunter-Lab	56.6329, 34.3718, -22.3522

Details

The XYZ color **42.3492, 32.0729, 59.2170** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.6864, 47.9221, 27.8983**, and the grayscale version is **32.4687, 34.1596, 37.1998**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **19.7744, 13.5253, 29.1722** is the 20% darker color. If you saturate the color by 10%, you get **39.9829, 27.3397, 58.4285**, and if you desaturate by 10%, it is **45.2368, 37.8475, 60.1800**.

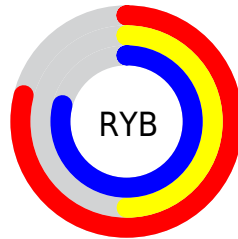
Distribution



Red (79%)

Green (50%)

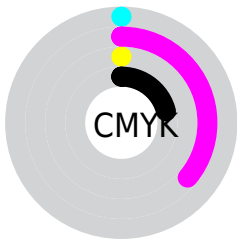
Blue (79%)



Red (79%)

Yellow (50%)

Blue (79%)

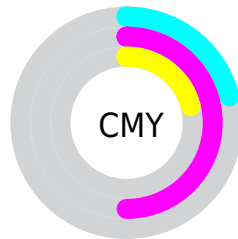


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (50%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3492, 32.0729, 59.2170 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 42.3492, 32.0729, 59.2170 by changing the saturation by 10% instead.


 42.3492, 32.0729,
59.2170

 42.3492, 32.0729,
59.2170

346.8955,
311.4512, 439.4299


 29.5671, 21.4172,
42.3667


 77.9897, 62.9254,
105.2252

 19.6567, 13.4293,
29.0608

 101.5788, 83.8909,
135.2202

 12.2525, 7.7248,
18.8808


 129.5011,
109.0618, 170.4337

 6.9893, 3.9194,
11.4083

162.1217,
138.8225, 211.2845

 3.5017, 1.6286,
6.2245

199.8061,
173.5574, 258.1909

 1.4243, 0.3767,
2.9111

242.9196,

 0.2734, 0.0000,

213.6509, 311.5716

1.0494

291.8276,
259.4874, 371.8451

■ 0.0000, 0.0000,
0.0000

■ 42.3492, 32.0729,
59.2170

■ 42.3492, 32.0729,
59.2170

■ 39.9829, 27.3397,
58.4285

■ 45.2368, 37.8475,
60.1800

■ 38.1041, 23.5821,
57.8021

■ 48.6710, 44.7158,
61.3248

■ 36.6797, 20.7333,
57.3272

■ 52.6790, 52.7317,
62.6609

■ 35.6712, 18.7164,
56.9909

■ 57.2853, 61.9444,
64.1964

■ 35.0340, 17.4419,
56.7784

■ 62.5132, 72.4000,
65.9392

■ 34.7107, 16.7955,
56.6706

■ 68.3844, 84.1425,
67.8963

■ 34.6303, 16.6347,
56.6437

■ 70.3906, 88.1548,
68.5652

■ 70.3906, 88.1549,
68.5653

■ 70.3907, 88.1549,
68.5654

Harmonies

Analogous

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



36.4924, 32.0729, 78.7684



42.3492, 32.0729, 59.2170



45.0200, 32.0729, 37.2700

Triad

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



42.3492, 32.0729, 59.2170



31.2935, 32.0729, 9.7252



20.4516, 32.0729, 53.7370

Complementary

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



42.3492, 32.0729, 59.2170



33.6864, 47.9221, 27.8983

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.



19.4718, 32.0729, 32.6746



42.3492, 32.0729, 59.2170



25.1748, 32.0729, 11.4001

Square

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



42.3492, 32.0729, 59.2170



38.0813, 32.0729, 12.5243



21.0725, 32.0729, 18.3893



23.9715, 32.0729, 74.8829

Rectangle

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



42.3492, 32.0729, 59.2170



44.3861, 32.0729, 25.6227



21.0725, 32.0729, 18.3893



19.8384, 32.0729, 46.2362

Sweetspot

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



42.3502, 32.0743, 59.2177



86.7454, 83.3908, 106.1316



27.1653, 24.2462, 58.5074



18.3667, 17.4484, 22.6497



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.



42.3502, 32.0743, 59.2177



69.0823, 48.0649, 100.2433



38.5539, 30.5558, 39.2264



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6149



1.0310, 0.4952, 1.6864

Inverse Universe

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



42.3502, 32.0743, 59.2177



69.0823, 48.0649, 100.2433



36.5361, 49.0620, 42.9049



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6149



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 42.3492, 32.0729, 59.2170 looks on a white background.

Color Contrast Check

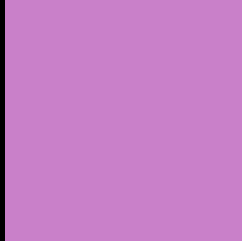
Large Text (above 18pt) WCAG AA × Fail

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 42.3492, 32.0729, 59.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

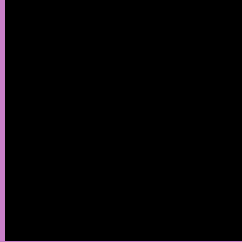
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3492, 32.0729, 59.2170

Background



This preview shows how black text looks on a background with the XYZ color 42.3492, 32.0729, 59.2170.



This preview shows how white text looks on a background with the XYZ color 42.3492, 32.0729,

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

42.3492, 32.0729, 59.2170

Protanopia

33.6873, 32.5575, 71.5265

Deuteranopia

32.9987, 32.2754, 57.3139



Tritanopia

36.9056, 32.1045, 32.6854

Trichromacy



Original Color

42.3492, 32.0729, 59.2170



Protanomaly

35.8067, 31.6675, 66.5126



Deuteranomaly

35.7414, 31.8291, 57.6859



Tritanomaly

38.7578, 32.0254, 41.1846

Monochromacy



Original Color

42.3492, 32.0729, 59.2170



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

35.5293, 32.9221, 44.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3492, 32.0729, 59.2170 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(201, 128, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 128, 201)  
}
```

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(201, 128, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 128, 201) }
```

Border

The CSS property to change the border of an element to XYZ 42.3492, 32.0729, 59.2170 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(201, 128, 201) }
```


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

```
.border{ border-color:rgb(201, 128, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 128, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 128, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 128, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 128,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3492, 32.0729, 59.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 128, 201) }
```

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

```
.background{ background-color: rgb(201,  
128, 201) }
```

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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