

Converting Colors

XYZ(29.5586, 15.7219, 32.9292)

Have a look what the booklet for
XYZ(29.5586, 15.7219, 32.9292)
contains.

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Color

**XYZ(29.5586, 15.7219,
32.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	C4299C
RGB	196, 41, 156
RGB Percent	77%, 16%, 61%
CMY	0.2314, 0.8392, 0.3882
CMYK	0.00, 0.79, 0.20, 0.23
HSL	315°, 65%, 46%
HSV	315°, 79%, 77%
XYZ	29.5586, 15.7219, 32.9292
YIQ	100.4550, 55.4650, 68.6250

Conversions

Conversions Part 2

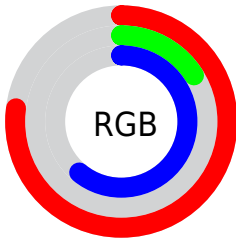
Format	Color
R_{YB}	196, 41, 156
Decimal	12855708
CIE _{Lab}	46.61, 68.89, -26.30
CIE _{LCh}	47, 73.745, 339.104
Yxy	15.7219, 0.3779, 0.2010
Android (android.graphics.Color)	4291045788 (0xFFC4299C)
YUV	100.4550, 27.3837, 83.7930
Hunter-Lab	39.6509, 63.6778, -21.4835

Details

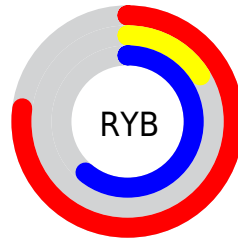
The XYZ color **29.5586, 15.7219, 32.9292** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **22.1405, 40.5459, 14.4458**, and the grayscale version is **12.1528, 12.7857, 13.9236**.

A 20% lighter version of the original color is **57.9482, 35.8638, 65.4962**, and **12.9799, 6.4027, 13.6484** is the 20% darker color. If you saturate the color by 10%, you get **28.6220, 14.5198, 30.5475**, and if you desaturate by 10%, it is **30.8513, 17.6071, 35.5178**.

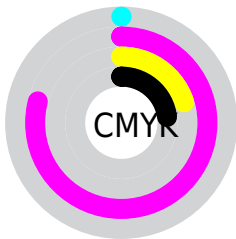
Distribution



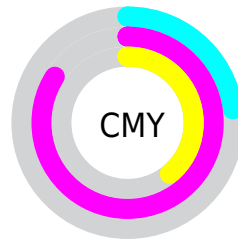
- Red (77%)
- Green (16%)
- Blue (61%)



- Red (77%)
- Yellow (16%)
- Blue (61%)



- Cyan (0%)
- Magenta (79%)
- Yellow (20%)
- Black (23%)





- Cyan (23%)
- Magenta (84%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5586, 15.7219, 32.9292 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 29.5586, 15.7219, 32.9292 by changing the saturation by 10% instead.

 29.5586, 15.7219,
32.9292


 29.5586, 15.7219,
32.9292


291.7884,
227.6951, 329.9528


 19.6502, 9.3276,
21.8015


 58.3549, 36.1147,
65.3797


 12.2478, 4.9555,
13.5142


 77.9734, 50.8820,
87.5396


 6.9861, 2.2212,
7.6487


 101.5594, 69.2091,
114.2141

 3.4996, 0.7315,
3.7865

 129.4782, 91.4804,
145.8216

 1.4232, 0.0000,
1.5089

 162.0952,
118.0802, 182.7807

 0.2726, 0.0000,
0.2246

 199.7756,

 0.0000, 0.0000,

149.3930, 225.5099

0.0000

242.8849,
185.8032, 274.4277

■ 29.5586, 15.7219,
32.9292

■ 29.5586, 15.7219,
32.9292

■ 28.6220, 14.5198,
30.5475

■ 30.8513, 17.6071,
35.5178

■ 27.9640, 13.8468,
28.3455

■ 32.5428, 20.2615,
38.3284

■ 27.9081, 13.7930,
28.1481

■ 34.6715, 23.7608,
41.3748

■ 37.2705, 28.1712,
44.6690

■ 40.3697, 33.5523,
48.2220

■ 43.9966, 39.9584,
52.0440

■ 48.1764, 47.4401,
56.1443

■ 52.9330, 56.0443,
60.5318

■ 58.2885, 65.8153,
65.2148

Harmonies

Analogous

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



24.0784, 15.7219, 61.3289



29.5586, 15.7219, 32.9292



30.5970, 15.7219, 12.1456

Triad

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



29.5586, 15.7219, 32.9292



13.0874, 15.7219, 0.5273



7.3101, 15.7219, 50.1526

Complementary

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



29.5586, 15.7219, 32.9292



22.1405, 40.5459, 14.4458

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.



5.8173, 15.7219, 23.2916



29.5586, 15.7219, 32.9292



8.4716, 15.7219, 1.7756

Square

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



29.5586, 15.7219, 32.9292



19.7524, 15.7219, 0.8014



6.1715, 15.7219, 7.4062



10.9858, 15.7219, 75.2665

Rectangle

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



29.5586, 15.7219, 32.9292



28.4062, 15.7219, 5.0959



6.1715, 15.7219, 7.4062



6.5917, 15.7219, 40.4824

Sweetspot

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



29.5591, 15.7227, 32.9295



76.0977, 65.9987, 90.5488



14.0450, 7.2671, 52.8872



15.7951, 13.2587, 18.8530



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.



29.5591, 15.7227, 32.9295



50.9484, 25.3686, 52.3597



24.9974, 13.8980, 8.9076



10.3827, 10.2017, 12.1057



17.9687, 8.8772, 18.2788



0.8031, 0.3943, 0.9307

Inverse Universe

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



29.5591, 15.7227, 32.9295



50.9484, 25.3686, 52.3597



26.7623, 42.3946, 38.7841



10.3827, 10.2017, 12.1057



17.9687, 8.8772, 18.2788



0.8031, 0.3943, 0.9307

Previews

White Background



This preview shows how the XYZ color 29.5586, 15.7219, 32.9292 looks on a white background.

Color Contrast Check

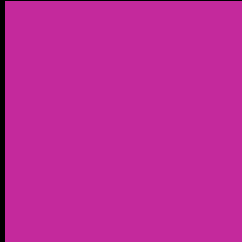
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.5586, 15.7219, 32.9292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

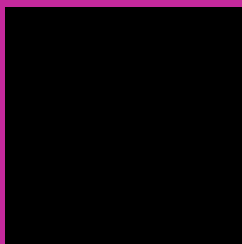
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.5586, 15.7219, 32.9292

Background



This preview shows how black text looks on a background with the XYZ color 29.5586, 15.7219, 32.9292.



This preview shows how white text looks on a background with the XYZ color 29.5586, 15.7219,

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

29.5586, 15.7219, 32.9292

Protanopia

18.5585, 16.1984, 62.4701

Deuteranopia

16.4359, 16.1420, 29.8532



Tritanopia

24.4464, 15.7071, 8.3999

Trichromacy



Original Color

29.5586, 15.7219, 32.9292



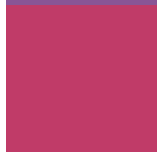
Protanomaly

18.6489, 13.2465, 50.2891



Deuteranomaly

19.0700, 14.0174, 30.5547



Tritanomaly

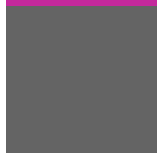
25.8009, 15.3339, 14.6966

Monochromacy



Original Color

29.5586, 15.7219, 32.9292



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

16.1778, 12.0989, 19.2520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5586, 15.7219, 32.9292 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(196, 41, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 41, 156)  
}
```

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(196, 41, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 41, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.5586, 15.7219, 32.9292 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(196, 41, 156) }
```


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

```
.border{ border-color:rgb(196, 41, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 41, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 41, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 41, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 41,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5586, 15.7219, 32.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 41, 156) }
```

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

```
.background{ background-color: rgb(196, 41,  
156) }
```

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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