

Converting Colors

XYZ(29.4863, 15.8656, 28.5325)

Have a look what the booklet for
XYZ(29.4863, 15.8656, 28.5325)
contains.

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Color

**XYZ(29.6054, 15.9452,
28.7115)**

Conversions

Conversions Part 1

Format	Color
Hex	C72B92
RGB	199, 43, 146
RGB Percent	78%, 17%, 57%
CMY	0.2196, 0.8313, 0.4274
CMYK	0.00, 0.78, 0.27, 0.22
HSL	320°, 64%, 47%
HSV	320°, 78%, 78%
XYZ	29.6054, 15.9452, 28.7115
YIQ	101.3860, 59.9130, 65.1050

Conversions

Conversions Part 2

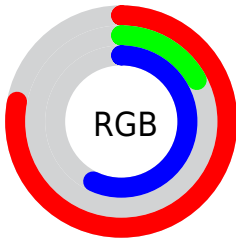
Format	Color
R_{YB}	199, 43, 146
Decimal	13052818
CIE _{Lab}	46.90, 67.80, -19.80
CIE _{LCh}	47, 70.633, 343.722
Yxy	15.9452, 0.3987, 0.2147
Android (android.graphics.Color)	4291242898 (0xFFC72B92)
YUV	101.3860, 21.9947, 85.6075
Hunter-Lab	39.9314, 62.4609, -14.6787

Details

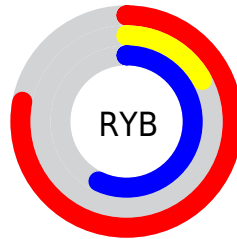
The XYZ color **29.6054, 15.9452, 28.7115** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **23.5320, 42.2056, 17.9752**, and the grayscale version is **12.4047, 13.0508, 14.2123**.

A 20% lighter version of the original color is **56.8194, 35.7382, 58.5470**, and **12.8808, 6.4017, 11.3832** is the 20% darker color. If you saturate the color by 10%, you get **28.5396, 14.6304, 25.8375**, and if you desaturate by 10%, it is **31.0560, 17.9794, 31.8675**.

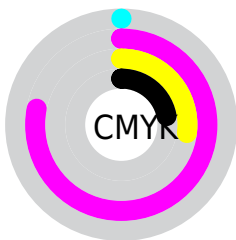
Distribution



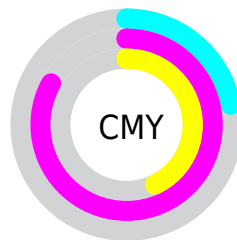
- Red (78%)
- Green (17%)
- Blue (57%)



- Red (78%)
- Yellow (17%)
- Blue (57%)



- Cyan (0%)
- Magenta (78%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (83%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6054, 15.9452, 28.7115 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 29.6054, 15.9452, 28.7115 by changing the saturation by 10% instead.

 29.6054, 15.9452,
28.7115


 29.6054, 15.9452,
28.7115


292.0037,
229.0181, 309.8695

 19.6859, 9.4854,
18.6190


 58.4285, 36.5030,
58.6551


 12.2738, 5.0591,
11.2213


 78.0628, 51.3699,
79.3433


 7.0040, 2.2820,
6.0998


 101.6660, 69.8078,
104.4004

 3.5109, 0.7642,
2.8361

 129.6035, 92.2013,
134.2451

 1.4294, 0.0000,
1.0116

 162.2407,
118.9346, 169.2958

 0.2770, 0.0000,
0.0000

 199.9429,

 0.0000, 0.0000,

150.3923, 209.9710

0.0000

243.0754,
186.9587, 256.6894

■ 29.6054, 15.9452,
28.7115

■ 29.6054, 15.9452,
28.7115

■ 28.5396, 14.6304,
25.8375

■ 31.0560, 17.9794,
31.8675

■ 27.7858, 13.8909,
23.2183

■ 32.9356, 20.8212,
35.3224

■ 27.6763, 13.7914,
22.8137

■ 35.2839, 24.5489,
39.0921

■ 38.1354, 29.2307,
43.1906

■ 41.5211, 34.9280,
47.6305

■ 45.4697, 41.6973,
52.4238

■ 50.0075, 49.5906,
57.5815

■ 55.1594, 58.6568,
63.1142

■ 60.9486, 68.9416,
69.0318

Harmonies

Analogous

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



24.9044, 15.9452, 55.2268



29.6054, 15.9452, 28.7115



29.8197, 15.9452, 10.4942

Triad

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



29.6054, 15.9452, 28.7115



12.5159, 15.9452, 0.8564



8.1058, 15.9452, 52.9442

Complementary

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



29.6054, 15.9452, 28.7115



23.5320, 42.2056, 17.9752

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.



6.3153, 15.9452, 26.7152



29.6054, 15.9452, 28.7115



8.3545, 15.9452, 2.5747

Square

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



29.6054, 15.9452, 28.7115



18.7238, 15.9452, 0.9134



6.3919, 15.9452, 9.4834



12.0719, 15.9452, 74.5229

Rectangle

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



29.6054, 15.9452, 28.7115



27.2959, 15.9452, 4.5179



6.3919, 15.9452, 9.4834



7.2843, 15.9452, 43.8234

Sweetspot

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



29.6059, 15.9460, 28.7118



75.3682, 65.7070, 86.7078



15.8932, 8.2854, 54.7946



15.6186, 13.1881, 17.9231



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.



29.6059, 15.9460, 28.7118



49.0120, 24.6490, 41.9934



25.4920, 14.3005, 7.0484



10.9240, 10.7530, 12.5833



17.8387, 8.8851, 14.8925



0.8776, 0.4339, 0.8784

Inverse Universe

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



29.6059, 15.9460, 28.7118



49.0120, 24.6490, 41.9934



28.9633, 44.3781, 46.5756



10.9240, 10.7530, 12.5833



17.8387, 8.8851, 14.8925



0.8776, 0.4339, 0.8784

Previews

White Background



This preview shows how the XYZ color 29.6054, 15.9452, 28.7115 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 29.6054, 15.9452, 28.7115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

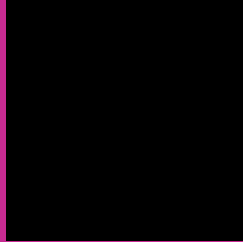
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.6054, 15.9452, 28.7115

Background



This preview shows how black text looks on a background with the XYZ color 29.6054, 15.9452, 28.7115.



This preview shows how white text looks on a background with the XYZ color 29.6054, 15.9452,

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

29.6054, 15.9452, 28.7115

Protanopia

18.1801, 16.3393, 54.4202

Deuteranopia

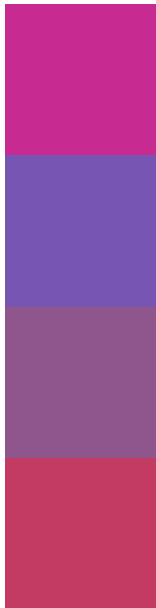
16.5217, 16.2730, 25.9371



Tritanopia

25.2291, 15.9396, 7.8778

Trichromacy



Original Color

29.6054, 15.9452, 28.7115

Protanomaly

18.8921, 13.6333, 43.7552

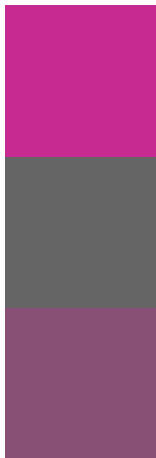
Deuteranomaly

19.2167, 14.2998, 26.5582

Tritanomaly

26.3218, 15.6309, 13.4341

Monochromacy



Original Color

29.6054, 15.9452, 28.7115

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

16.3961, 12.3400, 18.3473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6054, 15.9452, 28.7115 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(199, 43, 146)` looks like.

```
.text, #text, p{  
    color:rgb(199, 43, 146)  
}
```

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(199, 43, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 43, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.6054, 15.9452, 28.7115 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(199, 43, 146) }
```


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

```
.border{ border-color:rgb(199, 43, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 43, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 43, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 43, 146);  
box-shadow:4px 4px 4px 4px rgb(199, 43,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6054, 15.9452, 28.7115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 43, 146) }
```

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

```
.background{ background-color: rgb(199, 43,  
146) }
```

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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