

Converting Colors

XYZ(29.5899, 15.6139, 27.4435)

Have a look what the booklet for
XYZ(29.5899, 15.6139, 27.4435)
contains.

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Color

**XYZ(29.6762, 15.6624,
27.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	C9248F
RGB	201, 36, 143
RGB Percent	79%, 14%, 56%
CMY	0.2118, 0.8588, 0.4392
CMYK	0.00, 0.82, 0.29, 0.21
HSL	321°, 70%, 46%
HSV	321°, 82%, 79%
XYZ	29.6762, 15.6624, 27.4456
YIQ	97.5330, 63.9930, 68.2570

Conversions

Conversions Part 2

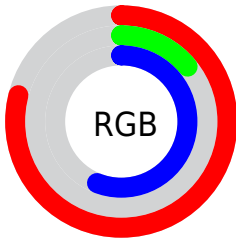
Format	Color
R_{YB}	201, 36, 143
Decimal	13182095
CIE _{Lab}	46.53, 69.68, -18.53
CIE _{LCh}	47, 72.106, 345.109
Yxy	15.6624, 0.4077, 0.2152
Android (android.graphics.Color)	4291372175 (0xFFC9248F)
YUV	97.5330, 22.4152, 90.7406
Hunter-Lab	39.5758, 64.5921, -13.4143

Details

The XYZ color **29.6762, 15.6624, 27.4456** 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 **23.6357, 42.9571, 17.6385**, and the grayscale version is **11.4304, 12.0257, 13.0960**.

A 20% lighter version of the original color is **56.0694, 34.7940, 56.5840**, and **13.1311, 6.5411, 10.9264** is the 20% darker color. If you saturate the color by 10%, you get **28.7107, 14.5613, 24.5654**, and if you desaturate by 10%, it is **31.0175, 17.4610, 30.6176**.

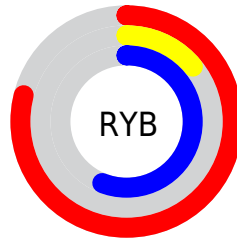
Distribution



Red (79%)

Green (14%)

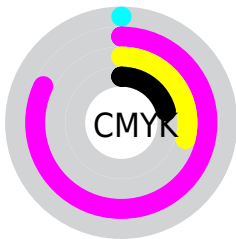
Blue (56%)



Red (79%)

Yellow (14%)

Blue (56%)

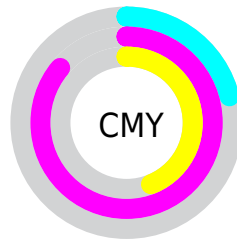


Cyan (0%)

Magenta (82%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (86%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6762, 15.6624, 27.4456 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 29.6762, 15.6624, 27.4456 by changing the saturation by 10% instead.


 29.6762, 15.6624,
27.4456


 29.6762, 15.6624,
27.4456


292.3292,
227.3413, 303.6364

 19.7398, 9.2856,
17.6728


 58.5399, 36.0111,
56.6105


 12.3132, 4.9279,
10.5483


 78.1979, 50.7518,
76.8396


 7.0311, 2.2050,
5.6537


 101.8271, 69.0492,
101.3913

 3.5280, 0.7227,
2.5703

 129.7929, 91.2878,
130.6840

 1.4388, 0.0000,
0.8771

 162.4607,
117.8519, 165.1364

 0.2836, 0.0000,
0.0000

 200.1957,

 0.0000, 0.0000,

149.1259, 205.1668

0.0000

243.3635,
185.4942, 251.1940

■ 29.6762, 15.6624,
27.4456

■ 29.6762, 15.6624,
27.4456

■ 28.7107, 14.5613,
24.5654

■ 31.0175, 17.4610,
30.6176

■ 28.1396, 14.0384,
22.4656

■ 32.7837, 20.0546,
34.1006

■ 35.0177, 23.5280,
37.9116

■ 37.7565, 27.9540,
42.0660

■ 41.0331, 33.3983,
46.5774

■ 44.8779, 39.9202,
51.4586

■ 49.3187, 47.5748,
56.7216

■ 54.3815, 56.4132,
62.3776

■ 60.0908, 66.4835,
68.4372

Harmonies

Analogous

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



25.0569, 15.6624, 54.3977



29.6762, 15.6624, 27.4456



29.6577, 15.6624, 9.5992

Triad

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



29.6762, 15.6624, 27.4456



11.9845, 15.6624, 0.7416



7.9461, 15.6624, 54.5966

Complementary

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



29.6762, 15.6624, 27.4456



23.6357, 42.9571, 17.6385

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.



6.0744, 15.6624, 27.6179



29.6762, 15.6624, 27.4456



7.9250, 15.6624, 2.5096

Square

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



29.6762, 15.6624, 27.4456



18.1731, 15.6624, 0.7367



6.0680, 15.6624, 9.6848



12.0224, 15.6624, 76.1036

Rectangle

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



29.6762, 15.6624, 27.4456



26.9563, 15.6624, 3.9733



6.0680, 15.6624, 9.6848



7.0955, 15.6624, 45.2746

Sweetspot

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



29.6767, 15.6632, 27.4459



74.5747, 64.4905, 85.3009



15.7653, 7.8465, 55.9422



15.4606, 12.9531, 17.6209



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.



29.6767, 15.6632, 27.4459



48.1739, 24.0778, 38.3068



25.5546, 14.0144, 5.7393



10.9186, 10.7508, 12.5549



17.7378, 8.8447, 14.3612



0.8733, 0.4322, 0.8559

Inverse Universe

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



29.6767, 15.6632, 27.4459



48.1739, 24.0778, 38.3068



29.4762, 45.2933, 48.3942



10.9186, 10.7508, 12.5549



17.7378, 8.8447, 14.3612



0.8733, 0.4322, 0.8559

Previews

White Background



This preview shows how the XYZ color 29.6762, 15.6624, 27.4456 looks on a white background.

Color Contrast Check

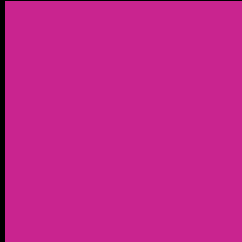
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6762, 15.6624, 27.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

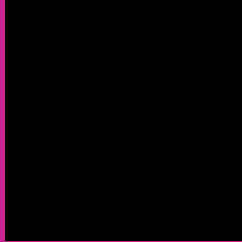
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.6762, 15.6624, 27.4456

Background



This preview shows how black text looks on a background with the XYZ color 29.6762, 15.6624, 27.4456.



This preview shows how white text looks on a background with the XYZ color 29.6762, 15.6624,

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

29.6762, 15.6624, 27.4456

Protanopia

17.8854, 16.0430, 53.7837

Deuteranopia

16.3273, 16.0380, 24.7894



Tritanopia

25.3522, 15.6741, 6.9994

Trichromacy



Original Color

29.6762, 15.6624, 27.4456



Protanomaly

18.4615, 13.0911, 42.6281



Deuteranomaly

19.0342, 13.7700, 25.3216



Tritanomaly

26.4107, 15.3349, 12.3944

Monochromacy



Original Color

29.6762, 15.6624, 27.4456



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

15.5450, 11.3980, 17.3003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6762, 15.6624, 27.4456 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, 36, 143)` looks like.

```
.text, #text, p{  
    color:rgb(201, 36, 143)  
}
```

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, 36, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 36, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.6762, 15.6624, 27.4456 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, 36, 143) }
```


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

```
.border{ border-color:rgb(201, 36, 143) }
```

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

Here you see how a box with a 4 pixel rgb(201, 36, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 36, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 36, 143);  
box-shadow:4px 4px 4px 4px rgb(201, 36,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6762, 15.6624, 27.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 36, 143) }
```

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

```
.background{ background-color: rgb(201, 36,  
143) }
```

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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