

Converting Colors

XYZ(30.0895, 15.8746, 32.6776)

Have a look what the booklet for
XYZ(30.0895, 15.8746, 32.6776)
contains.

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Color

**XYZ(30.1627, 15.8949,
32.4886)**

Conversions

Conversions Part 1

Format	Color
Hex	C7269B
RGB	199, 38, 155
RGB Percent	78%, 15%, 61%
CMY	0.2196, 0.8509, 0.3922
CMYK	0.00, 0.81, 0.22, 0.22
HSL	316°, 68%, 46%
HSV	316°, 81%, 78%
XYZ	30.1627, 15.8949, 32.4886
YIQ	99.4770, 58.3990, 70.5190

Conversions

Conversions Part 2

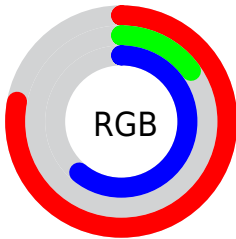
Format	Color
R_{YB}	199, 38, 155
Decimal	13051547
CIE _{Lab}	46.84, 70.20, -25.31
CIE _{LCh}	47, 74.623, 340.176
Yxy	15.8949, 0.3840, 0.2024
Android (android.graphics.Color)	4291241627 (0xFFC7269B)
YUV	99.4770, 27.3728, 87.2817
Hunter-Lab	39.8684, 65.2756, -20.4073

Details

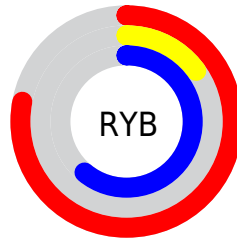
The XYZ color **30.1627, 15.8949, 32.4886** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **22.7467, 41.8687, 14.8676**, and the grayscale version is **11.9042, 12.5242, 13.6388**.

A 20% lighter version of the original color is **57.7231, 35.6136, 64.8045**, and **13.2634, 6.5547, 13.3981** is the 20% darker color. If you saturate the color by 10%, you get **29.2412, 14.7663, 29.9783**, and if you desaturate by 10%, it is **31.4456, 17.7129, 35.2211**.

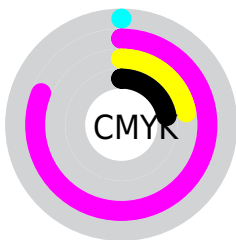
Distribution



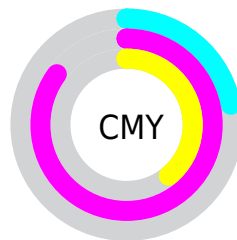
- Red (78%)
- Green (15%)
- Blue (61%)



- Red (78%)
- Yellow (15%)
- Blue (61%)



- Cyan (0%)
- Magenta (81%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (85%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1627, 15.8949, 32.4886 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 30.1627, 15.8949, 32.4886 by changing the saturation by 10% instead.

 30.1627, 15.8949,
32.4886


 30.1627, 15.8949,
32.4886


294.5583,
228.7207, 327.9001


 20.1108, 9.4498,
21.4671


 59.3042, 36.4157,
64.6831


 12.5843, 5.0357,
13.2713


 79.1246, 51.2601,
86.6931


 7.2180, 2.2682,
7.4827


 102.9318, 69.6731,
113.2030

 3.6463, 0.7568,
3.6828

 131.0913, 92.0391,
144.6313

 1.5041, 0.0000,
1.4530

 163.9683,
118.7425, 181.3967

 0.3286, 0.0000,
0.1825

 201.9282,

 0.0000, 0.0000,

150.1676, 223.9176

0.0000

245.3365,
186.6989, 272.6125

■ 30.1627, 15.8949,
32.4886

■ 30.1627, 15.8949,
32.4886

■ 29.2412, 14.7663,
29.9783

■ 31.4456, 17.7129,
35.2211

■ 28.6342, 14.1745,
27.8579

■ 33.1361, 20.3130,
38.1921

■ 35.2750, 23.7761,
41.4168

■ 37.8977, 28.1724,
44.9080

■ 41.0356, 33.5649,
48.6775

■ 44.7178, 40.0109,
52.7363

■ 48.9709, 47.5634,
57.0943

■ 53.8200, 56.2720,
61.7610

■ 59.2883, 66.1830,
66.7455

Harmonies

Analogous

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



24.6804, 15.8949, 61.5351



30.1627, 15.8949, 32.4886



31.0328, 15.8949, 11.7262

Triad

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



30.1627, 15.8949, 32.4886



13.0071, 15.8949, 0.5106



7.4341, 15.8949, 52.1497

Complementary

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



30.1627, 15.8949, 32.4886



22.7467, 41.8687, 14.8676

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.



5.8486, 15.8949, 24.4253



30.1627, 15.8949, 32.4886



8.3987, 15.8949, 1.8398

Square

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



30.1627, 15.8949, 32.4886



19.7504, 15.8949, 0.7377



6.1421, 15.8949, 7.7911



11.2562, 15.8949, 77.4587

Rectangle

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



30.1627, 15.8949, 32.4886



28.6780, 15.8949, 4.8361



6.1421, 15.8949, 7.7911



6.6796, 15.8949, 42.2255

Sweetspot

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



30.1632, 15.8957, 32.4889



75.9601, 65.9437, 89.8245



14.3907, 7.2573, 54.6754



15.7618, 13.2454, 18.6773



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.



30.1632, 15.8957, 32.4889



50.3352, 25.0309, 49.4149



25.5366, 14.0451, 8.1255



10.9546, 10.7652, 12.7444



18.4508, 9.1299, 18.1154



0.9029, 0.4440, 1.0120

Inverse Universe

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



30.1632, 15.8957, 32.4889



50.3352, 25.0309, 49.4149



27.6949, 43.8480, 40.9242



10.9546, 10.7652, 12.7444



18.4508, 9.1299, 18.1154



0.9029, 0.4440, 1.0120

Previews

White Background



This preview shows how the XYZ color 30.1627, 15.8949, 32.4886 looks on a white background.

Color Contrast Check

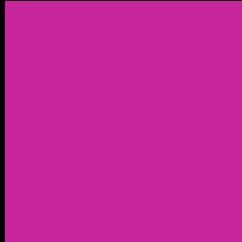
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1627, 15.8949, 32.4886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

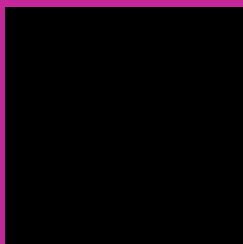
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.1627, 15.8949, 32.4886

Background



This preview shows how black text looks on a background with the XYZ color 30.1627, 15.8949, 32.4886.



This preview shows how white text looks on a background with the XYZ color 30.1627, 15.8949,

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

30.1627, 15.8949, 32.4886

Protanopia

18.8464, 16.4900, 63.1623

Deuteranopia

16.4732, 16.1702, 29.4471



Tritanopia

25.0689, 15.9438, 8.0595

Trichromacy



Original Color

30.1627, 15.8949, 32.4886



Protanomaly

18.6942, 13.1554, 50.2692



Deuteranomaly

19.2426, 13.9995, 30.1218



Tritanomaly

26.4669, 15.6075, 14.4495

Monochromacy



Original Color

30.1627, 15.8949, 32.4886



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

15.9753, 11.7906, 18.8866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1627, 15.8949, 32.4886 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, 38, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 38, 155)  
}
```

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, 38, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 38, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.1627, 15.8949, 32.4886 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, 38, 155) }
```


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

```
.border{ border-color:rgb(199, 38, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 38, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 38, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 38, 155); box-shadow:4px 4px 4px 4px rgb(199, 38, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1627, 15.8949, 32.4886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 38, 155) }
```

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

```
.background{ background-color: rgb(199, 38,  
155) }
```

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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