

Converting Colors

XYZ(30.7182, 17.3984, 32.7496)

Have a look what the booklet for
XYZ(30.7182, 17.3984, 32.7496)
contains.

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Color

**XYZ(30.7182, 17.3984,
32.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	C63A9B
RGB	198, 58, 155
RGB Percent	78%, 23%, 61%
CMY	0.2235, 0.7725, 0.3922
CMYK	0.00, 0.71, 0.22, 0.22
HSL	318°, 55%, 50%
HSV	318°, 71%, 78%
XYZ	30.7182, 17.3984, 32.7496
YIQ	110.9180, 52.3030, 59.8470

Conversions

Conversions Part 2

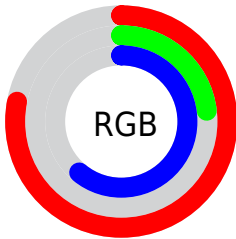
Format	Color
R_{YB}	198, 58, 155
Decimal	12991131
CIE _{Lab}	48.76, 64.00, -22.35
CIE _{LCh}	49, 67.788, 340.749
Yxy	17.3984, 0.3799, 0.2152
Android (android.graphics.Color)	4291181211 (0xFFC63A9B)
YUV	110.9180, 21.7324, 76.3709
Hunter-Lab	41.7114, 58.4607, -17.3534

Details

The XYZ color **30.7182, 17.3984, 32.7496** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **24.2889, 42.2280, 19.1845**, and the grayscale version is **15.0150, 15.7970, 17.2029**.

A 20% lighter version of the original color is **59.1182, 38.4039, 65.2696**, and **13.3139, 6.5749, 13.6641** is the 20% darker color. If you saturate the color by 10%, you get **29.4070, 15.5727, 29.8557**, and if you desaturate by 10%, it is **32.4399, 20.0034, 35.9075**.

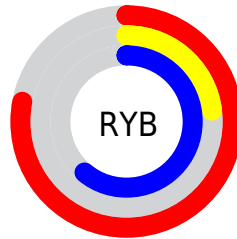
Distribution



Red (78%)

Green (23%)

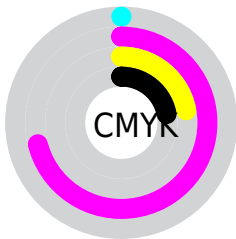
Blue (61%)



Red (78%)

Yellow (23%)

Blue (61%)

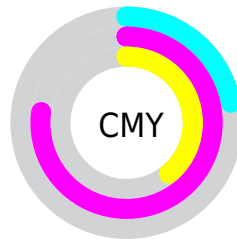


Cyan (0%)

Magenta (71%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (77%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7182, 17.3984, 32.7496 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 30.7182, 17.3984, 32.7496 by changing the saturation by 10% instead.


 30.7182, 17.3984,
32.7496


 30.7182, 17.3984,
32.7496


297.0881,
237.4579, 329.1172


 20.5351, 10.5189,
21.6651


 60.1750, 39.0095,
65.0959


 12.8951, 5.7444,
13.4151


 80.1794, 54.5099,
87.1948


 7.4329, 2.6903,
7.5809


 104.1884, 73.6528,
113.8023

 3.7830, 0.9723,
3.7441

 132.5672, 96.8226,
145.3369

 1.5801, 0.0000,
1.4860

 165.6812,
124.4036, 182.2172

 0.3794, 0.0000,
0.2075

203.8958,

 0.0000, 0.0000,

156.7802, 224.8616

0.0000

247.5763,
194.3368, 273.6888

■ 30.7182, 17.3984,
32.7496

■ 30.7182, 17.3984,
32.7496

■ 29.4070, 15.5727,
29.8557

■ 32.4399, 20.0034,
35.9075

■ 28.4574, 14.4300,
27.2073

■ 34.6102, 23.4640,
39.3436

■ 27.8174, 13.8173,
24.9367

■ 37.2644, 27.8503,
43.0716

■ 40.4340, 33.2242,
47.1036

■ 44.1474, 39.6425,
51.4508

■ 48.4312, 47.1575,
56.1238

■ 53.3100, 55.8180,
61.1324

■ 58.8071, 65.6699,
66.4859

■ 64.9443, 76.7566,
72.1933

Harmonies

Analogous

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



25.7135, 17.3984, 58.9504



30.7182, 17.3984, 32.7496



31.4221, 17.3984, 13.2097

Triad

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



30.7182, 17.3984, 32.7496



14.3898, 17.3984, 1.2446



8.9856, 17.3984, 51.5719

Complementary

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



30.7182, 17.3984, 32.7496



24.2889, 42.2280, 19.1845

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.



7.2996, 17.3984, 26.1355



30.7182, 17.3984, 32.7496



9.8531, 17.3984, 2.9837

Square

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



30.7182, 17.3984, 32.7496



20.8355, 17.3984, 1.4729



7.5709, 17.3984, 9.6928



12.8739, 17.3984, 73.7586

Rectangle

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



30.7182, 17.3984, 32.7496



29.2024, 17.3984, 6.2120



7.5709, 17.3984, 9.6928



8.1931, 17.3984, 42.6283

Sweetspot

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



30.7188, 17.3993, 32.7499



77.7455, 69.4489, 90.6219



16.9627, 9.8137, 54.4267



16.2286, 14.1491, 18.9248



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.



30.7188, 17.3993, 32.7499



51.0640, 26.3114, 50.2038



26.4823, 15.7047, 10.4409



10.9390, 10.7590, 12.6621



18.1299, 9.0015, 16.4259



0.8897, 0.4387, 0.9425

Inverse Universe

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



30.7188, 17.3993, 32.7499



51.0640, 26.3114, 50.2038



29.1955, 44.1906, 45.0221



10.9390, 10.7590, 12.6621



18.1299, 9.0015, 16.4259



0.8897, 0.4387, 0.9425

Previews

White Background



This preview shows how the XYZ color 30.7182, 17.3984, 32.7496 looks on a white background.

Color Contrast Check

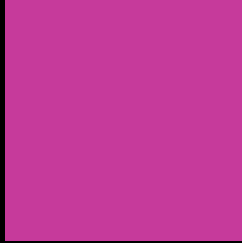
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7182, 17.3984, 32.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

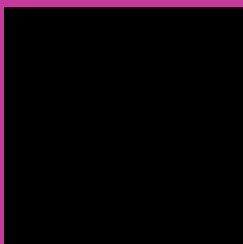
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.7182, 17.3984, 32.7496

Background



This preview shows how black text looks on a background with the XYZ color 30.7182, 17.3984, 32.7496.



This preview shows how white text looks on a background with the XYZ color 30.7182, 17.3984,

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

30.7182, 17.3984, 32.7496

Protanopia

19.6344, 17.8636, 56.4460

Deuteranopia

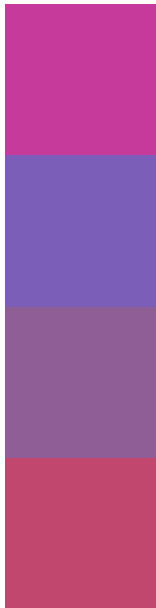
17.9659, 17.5860, 30.0513



Tritanopia

26.1344, 17.4385, 10.3760

Trichromacy



Original Color

30.7182, 17.3984, 32.7496

Protanomaly

20.7183, 15.6353, 46.7257

Deuteranomaly

20.8354, 16.0471, 30.8534

Tritanomaly

27.3158, 17.1016, 16.6131

Monochromacy



Original Color

30.7182, 17.3984, 32.7496

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

18.9856, 15.0262, 21.9784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7182, 17.3984, 32.7496 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(198, 58, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 58, 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(198, 58, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 58, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.7182, 17.3984, 32.7496 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(198, 58, 155) }
```


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

```
.border{ border-color:rgb(198, 58, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 58, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 58, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 58, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 58,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7182, 17.3984, 32.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 58, 155) }
```

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

```
.background{ background-color: rgb(198, 58,  
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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