

Converting Colors

XYZ(32.4614, 17.0185, 26.9566)

Have a look what the booklet for
XYZ(32.4614, 17.0185, 26.9566)
contains.

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Color

**XYZ(32.5311, 17.0642,
26.7784)**

Conversions

Conversions Part 1

Format	Color
Hex	D4228D
RGB	212, 34, 141
RGB Percent	83%, 13%, 55%
CMY	0.1686, 0.8666, 0.4471
CMYK	0.00, 0.84, 0.33, 0.17
HSL	324°, 72%, 48%
HSV	324°, 84%, 83%
XYZ	32.5311, 17.0642, 26.7784
YIQ	99.4200, 71.7410, 71.0130

Conversions

Conversions Part 2

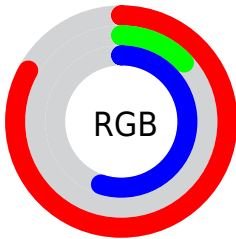
Format	Color
R_{YB}	212, 34, 141
Decimal	13902477
CIE _{Lab}	48.34, 72.42, -14.37
CIE _{LCh}	48, 73.831, 348.774
Yxy	17.0642, 0.4259, 0.2234
Android (android.graphics.Color)	4292092557 (0xFFD4228D)
YUV	99.4200, 20.4989, 98.7327
Hunter-Lab	41.3088, 68.2800, -9.5185

Details

The XYZ color **32.5311, 17.0642, 26.7784** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **26.7544, 48.4476, 21.3102**, and the grayscale version is **11.9049, 12.5249, 13.6396**.

A 20% lighter version of the original color is **55.8417, 34.7029, 55.3849**, and **14.8372, 7.4307, 10.5498** is the 20% darker color. If you saturate the color by 10%, you get **31.4951, 15.9611, 23.4460**, and if you desaturate by 10%, it is **33.9893, 18.9346, 30.4888**.

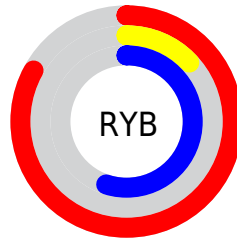
Distribution



Red (83%)

Green (13%)

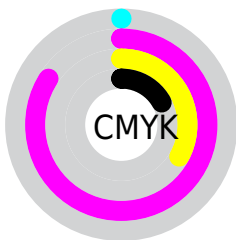
Blue (55%)



Red (83%)

Yellow (13%)

Blue (55%)

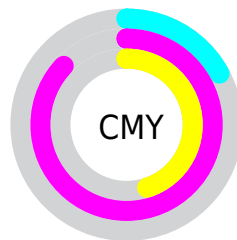


Cyan (0%)

Magenta (84%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (87%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5311, 17.0642, 26.7784 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 32.5311, 17.0642, 26.7784 by changing the saturation by 10% instead.


 32.5311, 17.0642,
26.7784


 32.5311, 17.0642,
26.7784


305.2340,
235.5421, 300.3087

 21.9250, 10.2803,
17.1759


 63.0024, 38.4361,
55.5275


 13.9181, 5.5852,
10.1967


 83.5982, 53.7929,
75.5111


 8.1450, 2.5945,
5.4223


 108.2547, 72.7761,
99.7922

 4.2405, 0.9239,
2.4340

 137.3372, 95.7701,
128.7894

 1.8391, 0.0000,
0.8049

 171.2110,
123.1593, 162.9210

 0.5410, 0.0000,
0.0000

 210.2415,

 0.0000, 0.0000,

155.3281, 202.6058

0.0000

254.7940,
192.6609, 248.2622

■ 32.5311, 17.0642,
26.7784

■ 32.5311, 17.0642,
26.7784

■ 31.4951, 15.9611,
23.4460

■ 33.9893, 18.9346,
30.4888

■ 31.0103, 15.5406,
21.5914

■ 35.9288, 21.6892,
34.6018

■ 38.4003, 25.4276,
39.1392

■ 41.4474, 30.2354,
44.1204

■ 45.1088, 36.1888,
49.5630

■ 49.4200, 43.3569,
55.4833

■ 54.4133, 51.8032,
61.8966

■ 60.1192, 61.5871,
68.8172

■ 66.5661, 72.7639,
76.2589

Harmonies

Analogous

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



28.0424, 17.0642, 55.3199



32.5311, 17.0642, 26.7784



31.8342, 17.0642, 9.0155

Triad

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



32.5311, 17.0642, 26.7784



12.3971, 17.0642, 0.9399



9.0924, 17.0642, 62.7788

Complementary

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



32.5311, 17.0642, 26.7784



26.7544, 48.4476, 21.3102

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.



6.7863, 17.0642, 33.2592



32.5311, 17.0642, 26.7784



8.2971, 17.0642, 3.2872

Square

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



32.5311, 17.0642, 26.7784



18.8737, 17.0642, 0.7640



6.5424, 17.0642, 12.2532



13.8257, 17.0642, 83.8913

Rectangle

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



32.5311, 17.0642, 26.7784



28.5588, 17.0642, 3.6856



6.5424, 17.0642, 12.2532



8.0712, 17.0642, 52.8408

Sweetspot

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



32.5316, 17.0651, 26.7787



74.1479, 64.3197, 83.0532



17.9633, 8.7375, 63.0271



15.3584, 12.9122, 17.0827



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.



32.5316, 17.0651, 26.7787



47.0127, 23.5691, 32.3287



28.4082, 15.4158, 5.0653



12.7335, 12.5449, 14.5369



19.1949, 9.6143, 13.5961



1.1981, 0.5960, 1.0325

Inverse Universe

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



32.5316, 17.0651, 26.7787



47.0127, 23.5691, 32.3287



33.6336, 51.1993, 57.5358



12.7335, 12.5449, 14.5369



19.1949, 9.6143, 13.5961



1.1981, 0.5960, 1.0325

Previews

White Background



This preview shows how the XYZ color 32.5311, 17.0642, 26.7784 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 32.5311, 17.0642, 26.7784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

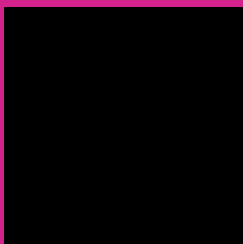
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.5311, 17.0642, 26.7784

Background



This preview shows how black text looks on a background with the XYZ color 32.5311, 17.0642, 26.7784.



This preview shows how white text looks on a background with the XYZ color 32.5311, 17.0642,

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

32.5311, 17.0642, 26.7784

Protanopia

19.2351, 17.5442, 54.0023

Deuteranopia

17.6777, 17.3981, 24.2563



Tritanopia

28.4089, 17.0923, 6.8029

Trichromacy



Original Color

32.5311, 17.0642, 26.7784



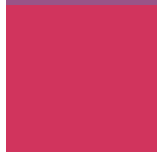
Protanomaly

19.9614, 14.1029, 42.2275



Deuteranomaly

20.6804, 14.8622, 24.7004



Tritanomaly

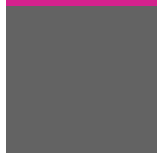
29.4983, 16.8016, 12.0442

Monochromacy



Original Color

32.5311, 17.0642, 26.7784



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

16.3686, 11.8225, 17.3388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5311, 17.0642, 26.7784 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(212, 34, 141)` looks like.

```
.text, #text, p{  
    color:rgb(212, 34, 141)  
}
```

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(212, 34, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 34, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.5311, 17.0642, 26.7784 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(212, 34, 141) }
```


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

```
.border{ border-color:rgb(212, 34, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 34, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 34, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 34, 141);  
box-shadow:4px 4px 4px 4px rgb(212, 34,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5311, 17.0642, 26.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 34, 141) }
```

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

```
.background{ background-color: rgb(212, 34,  
141) }
```

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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