

Converting Colors

XYZ(32.7328, 16.3034, 27.3289)

Have a look what the booklet for
XYZ(32.7328, 16.3034, 27.3289)
contains.

XYZ(32.6895, 16.2793, 27.4059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.6895, 16.2793,
27.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	D6008F
RGB	214, 0, 143
RGB Percent	84%, 0%, 56%
CMY	0.1608, 0.9998, 0.4392
CMYK	0.00, 1.00, 0.33, 0.16
HSL	320°, 100%, 42%
HSV	320°, 100%, 84%
XYZ	32.6895, 16.2793, 27.4059
YIQ	80.2880, 81.6410, 89.8410

Conversions

Conversions Part 2

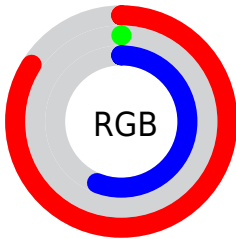
Format	Color
R_{YB}	214, 0, 143
Decimal	14024847
CIE _{Lab}	47.34, 77.30, -17.07
CIE _{LCh}	47, 79.167, 347.546
Yxy	16.2793, 0.4280, 0.2132
Android (android.graphics.Color)	4292214927 (0xFFD6008F)
YUV	80.2880, 30.9170, 117.2654
Hunter-Lab	40.3476, 74.0118, -12.0291

Details

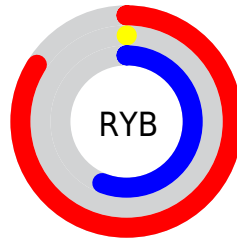
The XYZ color **32.6895, 16.2793, 27.4059** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **25.1857, 48.5489, 14.0113**, and the grayscale version is **7.6158, 8.0124, 8.7256**.

A 20% lighter version of the original color is **55.1452, 32.9455, 56.2760**, and **15.3022, 7.6603, 11.0280** is the 20% darker color. If you saturate the color by 10%, you get **32.6886, 16.2790, 27.4008**, and if you desaturate by 10%, it is **33.5211, 17.0541, 30.4221**.

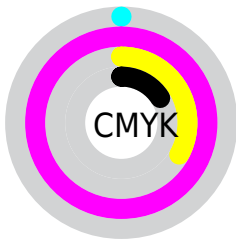
Distribution



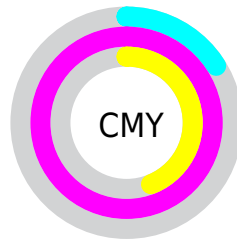
- Red (84%)
- Green (0%)
- Blue (56%)



- Red (84%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6895, 16.2793, 27.4059 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 32.6895, 16.2793, 27.4059 by changing the saturation by 10% instead.


 32.6895, 16.2793,
27.4059


 32.6895, 16.2793,
27.4059


305.9381,
230.9842, 303.4392

 22.0468, 9.7220,
17.6432


 63.2484, 37.0824,
56.5462


 14.0081, 5.2150,
10.5273


 83.8953, 52.0970,
76.7608


 8.2080, 2.3740,
5.6398


 108.6076, 70.6995,
101.2964

 4.2813, 0.8125,
2.5621

 137.7507, 93.2743,
130.5716

 1.8625, 0.0000,
0.8728

 171.6899,
120.2058, 165.0050

 0.5549, 0.0000,
0.0000

 210.7907,

 0.0000, 0.0000,

151.8783, 205.0150

0.0000

255.4183,
188.6763, 251.0202

■ 32.6895, 16.2793,
27.4059

■ 32.6895, 16.2793,
27.4059

■ 32.6886, 16.2790,
27.4008

■ 33.5211, 17.0541,
30.4221

■ 34.6928, 18.4535,
33.7226

■ 36.3069, 20.6814,
37.3445

■ 38.4201, 23.8501,
41.3096

■ 41.0803, 28.0546,
45.6367

■ 44.3296, 33.3780,
50.3424

■ 48.2056, 39.8950,
55.4421

■ 52.7431, 47.6739,
60.9498

■ 57.9738, 56.7777,
66.8788

Harmonies

Analogous

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



27.6807, 16.2793, 58.5554



32.6895, 16.2793, 27.4059



32.1825, 16.2793, 8.4586

Triad

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



32.6895, 16.2793, 27.4059



11.7594, 16.2793, 0.4289



8.0497, 16.2793, 64.0937

Complementary

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



32.6895, 16.2793, 27.4059



25.1857, 48.5489, 14.0113

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.



5.8603, 16.2793, 32.0721



32.6895, 16.2793, 27.4059



7.5149, 16.2793, 2.3606

Square

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



32.6895, 16.2793, 27.4059



18.5610, 16.2793, 0.3017



5.6997, 16.2793, 10.6441



12.7480, 16.2793, 88.3014

Rectangle

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



32.6895, 16.2793, 27.4059



28.7868, 16.2793, 3.0833



5.6997, 16.2793, 10.6441



7.0664, 16.2793, 53.1241

Sweetspot

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



32.6900, 16.2802, 27.4062



71.4889, 58.9917, 82.1981



14.5076, 6.0774, 64.0269



14.7539, 11.7008, 16.8887



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.



32.6900, 16.2802, 27.4062



48.5319, 24.1768, 40.3285



28.1027, 14.4453, 3.2497



12.7697, 12.5594, 14.7273



19.8081, 9.8595, 16.8252



1.2323, 0.6097, 1.2129

Inverse Universe

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



32.6900, 16.2802, 27.4062



48.5319, 24.1768, 40.3285



31.7628, 51.1798, 48.6458



12.7697, 12.5594, 14.7273



19.8081, 9.8595, 16.8252



1.2323, 0.6097, 1.2129

Previews

White Background



This preview shows how the XYZ color 32.6895, 16.2793, 27.4059 looks on a white background.

Color Contrast Check

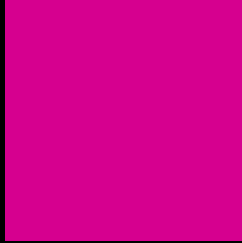
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6895, 16.2793, 27.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

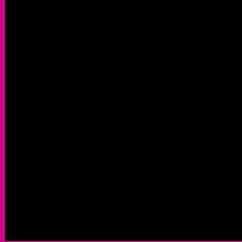
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.6895, 16.2793, 27.4059

Background



This preview shows how black text looks on a background with the XYZ color 32.6895, 16.2793, 27.4059.



This preview shows how white text looks on a background with the XYZ color 32.6895, 16.2793,

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

32.6895, 16.2793, 27.4059

Protanopia

19.1093, 17.0306, 59.4068

Deuteranopia

17.1205, 16.7753, 24.5259



Tritanopia

28.2160, 16.5540, 5.8458

Trichromacy



Original Color

32.6895, 16.2793, 27.4059



Protanomaly

18.7228, 12.0215, 45.5895



Deuteranomaly

19.7175, 12.9880, 25.1346



Tritanomaly

29.0547, 15.7016, 11.1722

Monochromacy



Original Color

32.6895, 16.2793, 27.4059



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

12.6853, 8.0141, 13.7102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6895, 16.2793, 27.4059 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(214, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 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(214, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.6895, 16.2793, 27.4059 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(214, 0, 143) }
```


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

```
.border{ border-color:rgb(214, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6895, 16.2793, 27.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 143) }
```

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

```
.background{ background-color: rgb(214, 0,  
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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