

Converting Colors

XYZ(29.1745, 14.6278, 19.9868)

Have a look what the booklet for
XYZ(29.1745, 14.6278, 19.9868)
contains.

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Color

**XYZ(29.3073, 14.6955,
20.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	CF007B
RGB	207, 0, 123
RGB Percent	81%, 0%, 48%
CMY	0.1882, 0.9998, 0.5176
CMYK	0.00, 1.00, 0.41, 0.19
HSL	324°, 100%, 41%
HSV	324°, 100%, 81%
XYZ	29.3073, 14.6955, 20.0307
YIQ	75.9150, 83.8890, 82.1370

Conversions

Conversions Part 2

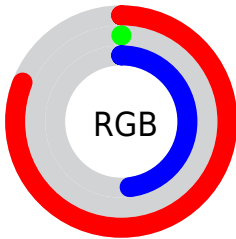
Format	Color
R_{YB}	207, 0, 123
Decimal	13566075
CIE _{Lab}	45.21, 73.94, -8.21
CIE _{LCh}	45, 74.391, 353.667
Yxy	14.6955, 0.4577, 0.2295
Android (android.graphics.Color)	4291756155 (0xFFCF007B)
YUV	75.9150, 23.2129, 114.9615
Hunter-Lab	38.3347, 69.3794, -4.1460

Details

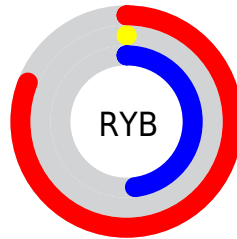
The XYZ color **29.3073, 14.6955, 20.0307** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.9152, 45.2666, 15.8728**, and the grayscale version is **6.8063, 7.1608, 7.7981**.

A 20% lighter version of the original color is **52.5502, 31.4999, 43.8678**, and **13.2687, 6.6975, 7.0720** is the 20% darker color. If you saturate the color by 10%, you get **29.3062, 14.6950, 20.0253**, and if you desaturate by 10%, it is **30.1196, 15.4419, 23.0089**.

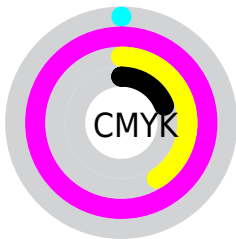
Distribution



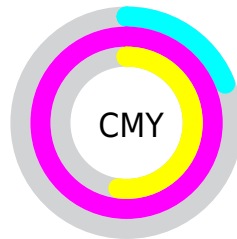
- Red (81%)
- Green (0%)
- Blue (48%)



- Red (81%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (19%)




- Cyan (19%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3073, 14.6955, 20.0307 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 29.3073, 14.6955, 20.0307 by changing the saturation by 10% instead.


 29.3073, 14.6955,
20.0307


 29.3073, 14.6955,
20.0307


290.6302,
221.5157, 264.6910


 19.4589, 8.6060,
12.2331


 57.9592, 34.3181,
44.3283

 12.1083, 4.4851,
6.7781


 77.4933, 48.6200,
61.6653


 6.8902, 1.9484,
3.2474


 100.9867, 66.4280,
83.0193

 3.4392, 0.5773,
1.2223

 128.8047, 88.1267,
108.8086

 1.3901, 0.0000,
0.0000

 161.3127,
114.1005, 139.4519

 0.2491, 0.0000,
0.0000

 198.8761,

 0.0000, 0.0000,

144.7336, 175.3677

0.0000

241.8601,
180.4105, 216.9746

■ 29.3073, 14.6955,
20.0307

■ 29.3073, 14.6955,
20.0307

■ 29.3062, 14.6950,
20.0253

■ 30.1196, 15.4419,
23.0089

■ 31.2595, 16.7696,
26.3243

■ 32.8240, 18.8706,
30.0145

■ 34.8655, 21.8485,
34.1021

■ 37.4287, 25.7908,
38.6067

■ 40.5526, 30.7742,
43.5462

■ 44.2726, 36.8678,
48.9368

■ 48.6208, 44.1346,
54.7938

■ 53.6271, 52.6328,
61.1315

Harmonies

Analogous

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



25.8102, 14.6955, 45.5838



29.3073, 14.6955, 20.0307



27.8227, 14.6955, 5.8994

Triad

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



29.3073, 14.6955, 20.0307



9.7417, 14.6955, 0.6866



8.0722, 14.6955, 61.6640

Complementary

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



29.3073, 14.6955, 20.0307



23.9152, 45.2666, 15.8728

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.



5.7008, 14.6955, 33.7883



29.3073, 14.6955, 20.0307



6.4483, 14.6955, 3.1608

Square

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



29.3073, 14.6955, 20.0307



15.3117, 14.6955, 0.2809



5.2086, 14.6955, 12.5514



12.7046, 14.6955, 78.6885

Rectangle

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



29.3073, 14.6955, 20.0307



24.3749, 14.6955, 2.1643



5.2086, 14.6955, 12.5514



7.0462, 14.6955, 52.5767

Sweetspot

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



29.3077, 14.6963, 20.0309



70.7079, 58.6793, 78.0853



14.8148, 6.3369, 59.4738



14.5676, 11.6263, 15.9077



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.



29.3077, 14.6963, 20.0309



46.8667, 23.5107, 31.5600



25.8655, 13.3195, 1.9044



12.0993, 11.9244, 13.7985



18.5122, 9.2777, 12.8694



1.0739, 0.5343, 0.9238

Inverse Universe

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



29.3077, 14.6963, 20.0309



46.8667, 23.5107, 31.5600



31.2086, 48.1840, 54.2796



12.0993, 11.9244, 13.7985



18.5122, 9.2777, 12.8694



1.0739, 0.5343, 0.9238

Previews

White Background



This preview shows how the XYZ color 29.3073, 14.6955, 20.0307 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 29.3073, 14.6955, 20.0307 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 29.3073, 14.6955, 20.0307

Background



This preview shows how black text looks on a background with the XYZ color 29.3073, 14.6955, 20.0307.



This preview shows how white text looks on a background with the XYZ color 29.3073, 14.6955,

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

29.3073, 14.6955, 20.0307

Protanopia

16.6732, 15.4836, 43.7048

Deuteranopia

15.5274, 15.3049, 18.0553



Tritanopia

26.3026, 15.1234, 4.5504

Trichromacy



Original Color

29.3073, 14.6955, 20.0307



Protanomaly

16.9053, 11.0806, 33.1460



Deuteranomaly

17.7957, 11.7827, 18.1660



Tritanomaly

26.7314, 14.3532, 8.3827

Monochromacy



Original Color

29.3073, 14.6955, 20.0307



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.3449, 7.1893, 11.1457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3073, 14.6955, 20.0307 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(207, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 123)  
}
```

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(207, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 123) }
```

Border

The CSS property to change the border of an element to XYZ 29.3073, 14.6955, 20.0307 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(207, 0, 123) }
```


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

```
.border{ border-color:rgb(207, 0, 123) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3073, 14.6955, 20.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 123) }
```

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

```
.background{ background-color: rgb(207, 0,  
123) }
```

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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