

Converting Colors

XYZ(27.1581, 13.6445, 17.3534)

Have a look what the booklet for
XYZ(27.1581, 13.6445, 17.3534)
contains.

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Color

**XYZ(27.1819, 13.6553,
17.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	C90073
RGB	201, 0, 115
RGB Percent	79%, 0%, 45%
CMY	0.2118, 0.9999, 0.5490
CMYK	0.00, 1.00, 0.43, 0.21
HSL	326°, 100%, 39%
HSV	326°, 100%, 79%
XYZ	27.1819, 13.6553, 17.4227
YIQ	73.2090, 82.8810, 78.3770

Conversions

Conversions Part 2

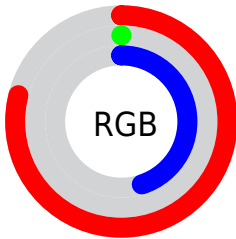
Format	Color
R_{YB}	201, 0, 115
Decimal	13172851
CIE Lab	43.73, 71.94, -5.59
CIE LCh	44, 72.161, 355.558
Yxy	13.6553, 0.4666, 0.2344
Android (android.graphics.Color)	4291362931 (0xFFC90073)
YUV	73.2090, 20.6030, 112.0727
Hunter-Lab	36.9531, 66.6329, -2.0870

Details

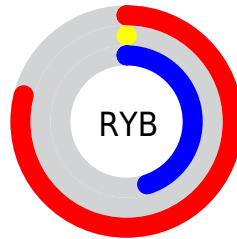
The XYZ color **27.1819, 13.6553, 17.4227** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.5683, 42.4460, 15.8152**, and the grayscale version is **6.3278, 6.6574, 7.2499**.

A 20% lighter version of the original color is **51.7048, 31.0295, 39.8234**, and **11.9976, 6.0680, 5.8491** is the 20% darker color. If you saturate the color by 10%, you get **27.1810, 13.6549, 17.4180**, and if you desaturate by 10%, it is **27.9529, 14.3678, 20.2370**.

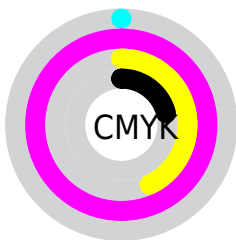
Distribution



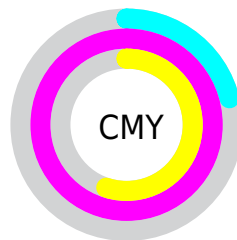
- Red (79%)
- Green (0%)
- Blue (45%)



- Red (79%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1819, 13.6553, 17.4227 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 27.1819, 13.6553, 17.4227 by changing the saturation by 10% instead.


 27.1819, 13.6553,
17.4227


 27.1819, 13.6553,
17.4227


280.6883,
215.0758, 249.7225


 17.8472, 7.8813,
10.3712


 54.5934, 32.4761,
39.8517

 10.9393, 4.0191,
5.5369


 73.4010, 46.2918,
56.0662


 6.0931, 1.6843,
2.5014


 96.0968, 63.5568,
76.1722

 2.9429, 0.4134,
0.8409

 123.0464, 84.6555,
100.5882

 1.1237, 0.0000,
0.0000

 154.6149,
109.9724, 129.7327

 0.0448, 0.0000,
0.0000

 191.1678,

 0.0000, 0.0000,

139.8918, 164.0242

0.0000

233.0705,
174.7981, 203.8813

■ 27.1819, 13.6553,
17.4227

■ 27.1819, 13.6553,
17.4227

■ 27.1810, 13.6549,
17.4180

■ 27.9529, 14.3678,
20.2370

■ 29.0329, 15.6226,
23.3880

■ 30.5141, 17.6019,
26.9124

■ 32.4454, 20.4019,
30.8320

■ 34.8684, 24.1040,
35.1661

■ 37.8196, 28.7797,
39.9319

■ 41.3320, 34.4931,
45.1455

■ 45.4358, 41.3030,
50.8220

■ 50.1587, 49.2636,
56.9752

Harmonies

Analogous

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



24.2188, 13.6553, 40.4737



27.1819, 13.6553, 17.4227



25.5226, 13.6553, 5.0502

Triad

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



27.1819, 13.6553, 17.4227



8.8173, 13.6553, 0.7204



7.7337, 13.6553, 58.4038

Complementary

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



27.1819, 13.6553, 17.4227



22.5683, 42.4460, 15.8152

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.



5.4135, 13.6553, 32.8377



27.1819, 13.6553, 17.4227



5.8992, 13.6553, 3.2718

Square

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



27.1819, 13.6553, 17.4227



13.8427, 13.6553, 0.2419



4.8561, 13.6553, 12.5766



12.1519, 13.6553, 72.8614

Rectangle

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



27.1819, 13.6553, 17.4227



22.2173, 13.6553, 1.8559



4.8561, 13.6553, 12.5766



6.7394, 13.6553, 50.2044

Sweetspot

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



27.1823, 13.6561, 17.4229



70.4801, 58.5882, 76.8860



14.1787, 6.0921, 55.6869



14.5135, 11.6046, 15.6226



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.



27.1823, 13.6561, 17.4229



46.4187, 23.3315, 29.2004



24.1873, 12.4581, 1.6513



10.8838, 10.7369, 12.3716



17.1370, 8.6044, 11.1974



0.8472, 0.4217, 0.7185

Inverse Universe

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



27.1823, 13.6561, 17.4229



46.4187, 23.3315, 29.2004



29.5654, 45.2448, 52.6614



10.8838, 10.7369, 12.3716



17.1370, 8.6044, 11.1974



0.8472, 0.4217, 0.7185

Previews

White Background



This preview shows how the XYZ color 27.1819, 13.6553, 17.4227 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 27.1819, 13.6553, 17.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

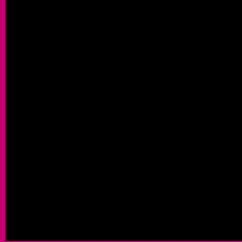
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1819, 13.6553, 17.4227

Background



This preview shows how black text looks on a background with the XYZ color 27.1819, 13.6553, 17.4227.



This preview shows how white text looks on a background with the XYZ color 27.1819, 13.6553,

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

27.1819, 13.6553, 17.4227

Protanopia

15.3091, 14.4562, 37.5808

Deuteranopia

14.4231, 14.1882, 15.6141



Tritanopia

24.5160, 14.0295, 4.1052

Trichromacy



Original Color

27.1819, 13.6553, 17.4227



Protanomaly

15.8189, 10.4386, 28.7849



Deuteranomaly

16.5047, 10.9957, 15.7205



Tritanomaly

24.8978, 13.3524, 7.3959

Monochromacy



Original Color

27.1819, 13.6553, 17.4227



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4842, 6.6516, 9.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1819, 13.6553, 17.4227 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(201, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 115)  
}
```

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(201, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.1819, 13.6553, 17.4227 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(201, 0, 115) }
```


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

```
.border{ border-color:rgb(201, 0, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1819, 13.6553, 17.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 115) }
```

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

```
.background{ background-color: rgb(201, 0,  
115) }
```

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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