

Converting Colors

XYZ(27.0826, 14.4643, 19.4447)

Have a look what the booklet for
XYZ(27.0826, 14.4643, 19.4447)
contains.

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Color

**XYZ(27.0782, 14.4529,
19.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	C52379
RGB	197, 35, 121
RGB Percent	77%, 14%, 47%
CMY	0.2275, 0.8627, 0.5255
CMYK	0.00, 0.82, 0.39, 0.23
HSL	328°, 70%, 45%
HSV	328°, 82%, 77%
XYZ	27.0782, 14.4529, 19.4517
YIQ	93.2420, 68.9460, 61.0900

Conversions

Conversions Part 2

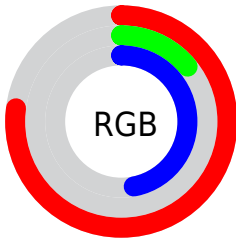
Format	Color
R_{YB}	197, 35, 121
Decimal	12919673
CIE _{Lab}	44.88, 66.61, -7.68
CIE _{LCh}	45, 67.048, 353.420
Yxy	14.4529, 0.4440, 0.2370
Android (android.graphics.Color)	4291109753 (0xFFC52379)
YUV	93.2420, 13.6847, 90.9958
Hunter-Lab	38.0170, 60.6098, -3.7243

Details

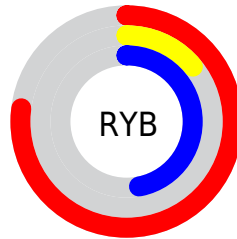
The XYZ color **27.0782, 14.4529, 19.4517** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **23.5299, 41.4381, 21.8012**, and the grayscale version is **10.4203, 10.9630, 11.9387**.

A 20% lighter version of the original color is **53.3400, 33.3915, 43.1690**, and **11.6838, 5.8843, 6.8233** is the 20% darker color. If you saturate the color by 10%, you get **26.1124, 13.3854, 16.4659**, and if you desaturate by 10%, it is **28.4242, 16.1939, 22.8324**.

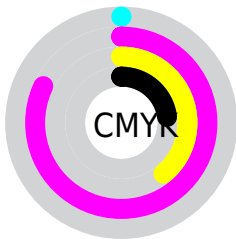
Distribution



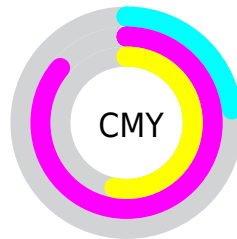
- Red (77%)
- Green (14%)
- Blue (47%)



- Red (77%)
- Yellow (14%)
- Blue (47%)



- Cyan (0%)
- Magenta (82%)
- Yellow (39%)
- Black (23%)





- Cyan (23%)
- Magenta (86%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0782, 14.4529, 19.4517 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 27.0782, 14.4529, 19.4517 by changing the saturation by 10% instead.


 27.0782, 14.4529,
19.4517


 27.0782, 14.4529,
19.4517


280.1962,
220.0304, 261.4365


 17.7689, 8.4363,
11.8170


 54.4283, 33.8905,
43.3428

 10.8828, 4.3754,
6.4982


 73.1998, 48.0803,
60.4363


 6.0548, 1.8857,
3.0767


 95.8561, 65.7634,
81.5198

 2.9194, 0.5398,
1.1339

 122.7624, 87.3240,
107.0119

 1.1113, 0.0000,
0.0000

 154.2843,
113.1466, 137.3310

 0.0345, 0.0000,
0.0000

 190.7870,

 0.0000, 0.0000,

143.6156, 172.8958

0.0000

232.6358,
179.1154, 214.1248

■ 27.0782, 14.4529,
19.4517

■ 27.0782, 14.4529,
19.4517

■ 26.1124, 13.3854,
16.4659

■ 28.4242, 16.1939,
22.8324

■ 25.5538, 12.8815,
14.3892

■ 30.1983, 18.7017,
26.6308

■ 32.4420, 22.0574,
30.8679

■ 35.1914, 26.3308,
35.5624

■ 38.4789, 31.5845,
40.7315

■ 42.3341, 37.8757,
46.3912

■ 46.7841, 45.2570,
52.5568

■ 51.8546, 53.7775,
59.2427

■ 57.5694, 63.4831,
66.4625

Harmonies

Analogous

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



24.0471, 14.4529, 41.4197



27.0782, 14.4529, 19.4517



25.8427, 14.4529, 6.5357

Triad

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



27.0782, 14.4529, 19.4517



9.9622, 14.4529, 1.1152



8.3686, 14.4529, 54.5022

Complementary

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



27.0782, 14.4529, 19.4517



23.5299, 41.4381, 21.8012

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.



6.1628, 14.4529, 31.0249



27.0782, 14.4529, 19.4517



6.8973, 14.4529, 3.7379

Square

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



27.0782, 14.4529, 19.4517



14.9794, 14.4529, 0.7526



5.7068, 14.4529, 12.5277



12.5654, 14.4529, 68.7305

Rectangle

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



27.0782, 14.4529, 19.4517



22.8930, 14.4529, 2.7773



5.7068, 14.4529, 12.5277



7.4202, 14.4529, 46.8996

Sweetspot

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



27.0786, 14.4537, 19.4519



73.5283, 64.0719, 79.7904



17.1858, 8.5882, 53.5752



15.2105, 12.8531, 16.3041



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.



27.0786, 14.4537, 19.4519



45.7513, 23.1088, 25.5496



24.0175, 13.2293, 3.3322



10.8652, 10.7295, 12.2734



16.8505, 8.4898, 9.6885



0.8342, 0.4165, 0.6503

Inverse Universe

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



27.0786, 14.4537, 19.4519



45.7513, 23.1088, 25.5496



30.1301, 44.0781, 56.5573



10.8652, 10.7295, 12.2734



16.8505, 8.4898, 9.6885



0.8342, 0.4165, 0.6503

Previews

White Background



This preview shows how the XYZ color 27.0782, 14.4529, 19.4517 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 27.0782, 14.4529, 19.4517 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 27.0782, 14.4529, 19.4517

Background



This preview shows how black text looks on a background with the XYZ color 27.0782, 14.4529, 19.4517.



This preview shows how white text looks on a background with the XYZ color 27.0782, 14.4529,

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

27.0782, 14.4529, 19.4517

Protanopia

15.6808, 14.7876, 38.1042

Deuteranopia

15.0012, 14.7377, 17.6768



Tritanopia

24.1959, 14.4816, 5.6576

Trichromacy



Original Color

27.0782, 14.4529, 19.4517

Protanomaly

16.9779, 12.3749, 30.3479

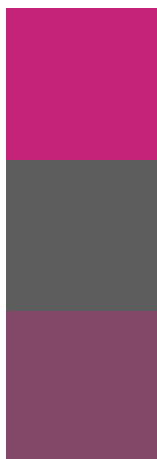
Deuteranomaly

17.6254, 12.8727, 18.0787

Tritanomaly

24.8281, 14.1924, 9.4135

Monochromacy



Original Color

27.0782, 14.4529, 19.4517

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

14.1256, 10.4393, 14.1024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0782, 14.4529, 19.4517 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(197, 35, 121)` looks like.

```
.text, #text, p{  
  color:rgb(197, 35, 121)  
}
```

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(197, 35, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 35, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.0782, 14.4529, 19.4517 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(197, 35, 121) }
```


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

```
.border{ border-color:rgb(197, 35, 121) }
```

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

Here you see how a box with a 4 pixel rgb(197, 35, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 35, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 35, 121);  
box-shadow:4px 4px 4px 4px rgb(197, 35,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0782, 14.4529, 19.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 35, 121) }
```

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

```
.background{ background-color: rgb(197, 35,  
121) }
```

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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