

Converting Colors

XYZ(27.1420, 13.9171, 25.3005)

Have a look what the booklet for
XYZ(27.1420, 13.9171, 25.3005)
contains.

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Color

**XYZ(27.1420, 13.9171,
25.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	C2178A
RGB	194, 23, 138
RGB Percent	76%, 9%, 54%
CMY	0.2392, 0.9097, 0.4588
CMYK	0.00, 0.88, 0.29, 0.24
HSL	320°, 79%, 43%
HSV	320°, 88%, 76%
XYZ	27.1420, 13.9171, 25.3005
YIQ	87.2390, 65.0010, 72.0170

Conversions

Conversions Part 2

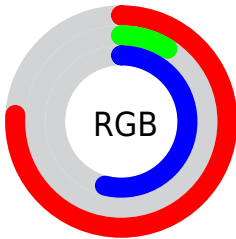
Format	Color
RYB	194, 23, 138
Decimal	12720010
CIELab	44.11, 70.15, -19.31
CIElCh	44, 72.758, 344.607
Yxy	13.9171, 0.4090, 0.2097
Android (android.graphics.Color)	4290910090 (0xFFC2178A)
YUV	87.2390, 25.0252, 93.6294
Hunter-Lab	37.3056, 64.5842, -14.0963

Details

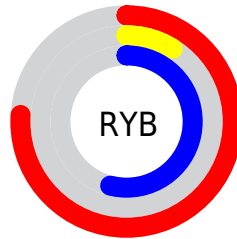
The XYZ color **27.1420, 13.9171, 25.3005** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.0575, 39.3309, 13.8822**, and the grayscale version is **9.0505, 9.5218, 10.3692**.

A 20% lighter version of the original color is **54.7571, 33.0712, 53.3665**, and **11.7531, 5.8555, 9.7433** is the 20% darker color. If you saturate the color by 10%, you get **26.4282, 13.2042, 22.8589**, and if you desaturate by 10%, it is **28.1522, 15.1795, 27.9739**.

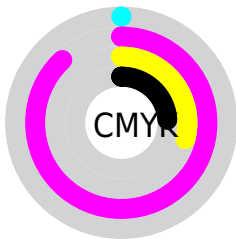
Distribution



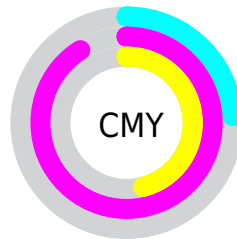
- Red (76%)
- Green (9%)
- Blue (54%)



- Red (76%)
- Yellow (9%)
- Blue (54%)



- Cyan (0%)
- Magenta (88%)
- Yellow (29%)
- Black (24%)





- Cyan (24%)
- Magenta (91%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1420, 13.9171, 25.3005 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 27.1420, 13.9171, 25.3005 by changing the saturation by 10% instead.


 27.1420, 13.9171,
25.3005


 27.1420, 13.9171,
25.3005


280.4990,
216.7145, 292.8266


 17.8170, 8.0630,
16.0800


 54.5299, 32.9419,
53.1145


 10.9176, 4.1353,
9.4258


 73.3236, 46.8813,
72.5450


 6.0783, 1.7495,
4.9194


 96.0042, 64.2848,
96.2160

 2.9339, 0.4554,
2.1421

 122.9372, 85.5365,
124.5460

 1.1189, 0.0000,
0.6407

 154.4877,
111.0209, 157.9535

 0.0408, 0.0000,
0.0000

 191.0214,

 0.0000, 0.0000,

141.1225, 196.8571

0.0000

232.9033,
176.2255, 241.6753

■ 27.1420, 13.9171,
25.3005

■ 27.1420, 13.9171,
25.3005

■ 26.4282, 13.2042,
22.8589

■ 28.1522, 15.1795,
27.9739

■ 26.3086, 13.0935,
22.4226

■ 29.5232, 17.1197,
30.9024

■ 31.2979, 19.8231,
34.1027

■ 33.5131, 23.3619,
37.5890

■ 36.2007, 27.8001,
41.3740

■ 39.3901, 33.1953,
45.4697

■ 43.1080, 39.6002,
49.8866

■ 47.3790, 47.0637,
54.6352

■ 52.2263, 55.6315,
59.7249

Harmonies

Analogous

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



22.6973, 13.9171, 51.1196



27.1420, 13.9171, 25.3005



27.2059, 13.9171, 8.4460

Triad

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



27.1420, 13.9171, 25.3005



10.6119, 13.9171, 0.3952



6.7749, 13.9171, 50.4269

Complementary

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



27.1420, 13.9171, 25.3005



21.0575, 39.3309, 13.8822

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.



5.1095, 13.9171, 24.7103



27.1420, 13.9171, 25.3005



6.8443, 13.9171, 1.8967

Square

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



27.1420, 13.9171, 25.3005



16.4114, 13.9171, 0.4132



5.1305, 13.9171, 8.1630



10.4850, 13.9171, 71.4434

Rectangle

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



27.1420, 13.9171, 25.3005



24.6821, 13.9171, 3.2945



5.1305, 13.9171, 8.1630



6.0127, 13.9171, 41.4647

Sweetspot

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



27.1424, 13.9179, 25.3007



72.4559, 62.0078, 83.7161



13.1180, 6.0931, 51.5238



15.3837, 12.7534, 17.7365



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.



27.1424, 13.9179, 25.3007



47.5418, 23.6731, 39.9789



23.2294, 12.3526, 4.6950



10.3525, 10.1896, 11.9466



17.3361, 8.6242, 14.9478



0.7797, 0.3849, 0.8071

Inverse Universe

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



27.1424, 13.9179, 25.3007



47.5418, 23.6731, 39.9789



26.2255, 41.3980, 41.0962



10.3525, 10.1896, 11.9466



17.3361, 8.6242, 14.9478



0.7797, 0.3849, 0.8071

Previews

White Background



This preview shows how the XYZ color 27.1420, 13.9171, 25.3005 looks on a white background.

Color Contrast Check

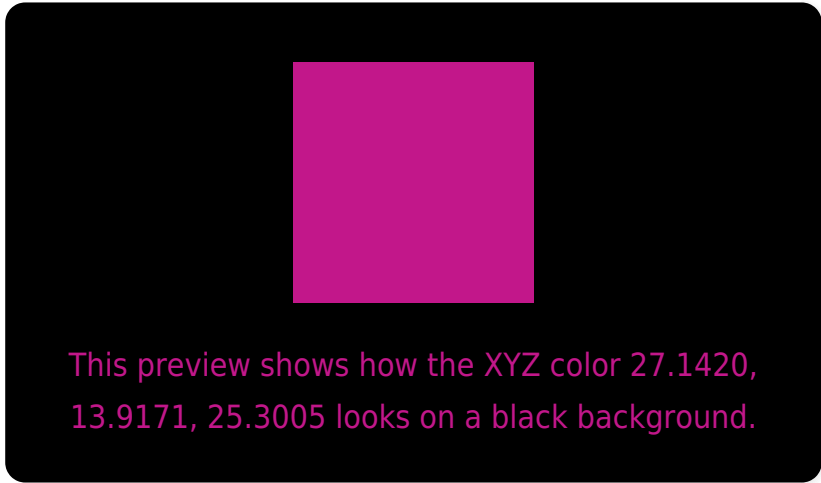
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

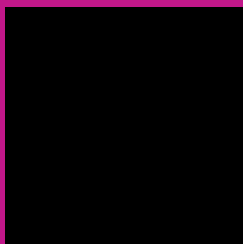
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1420, 13.9171, 25.3005

Background



This preview shows how black text looks on a background with the XYZ color 27.1420, 13.9171, 25.3005.



This preview shows how white text looks on a background with the XYZ color 27.1420, 13.9171,

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

27.1420, 13.9171, 25.3005

Protanopia

16.4004, 14.5429, 52.3947

Deuteranopia

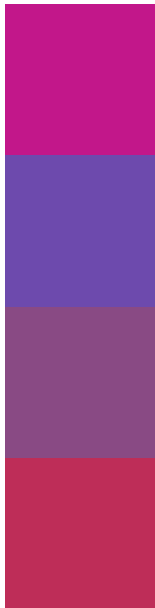
14.5216, 14.2285, 22.7499



Tritanopia

23.0178, 13.9439, 5.7532

Trichromacy



Original Color

27.1420, 13.9171, 25.3005

Protanomaly

16.2983, 11.1659, 40.8314

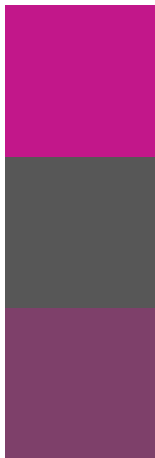
Deuteranomaly

16.9302, 11.8819, 23.2309

Tritanomaly

23.9350, 13.5285, 10.5823

Monochromacy



Original Color

27.1420, 13.9171, 25.3005

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

13.0391, 9.1430, 14.7132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1420, 13.9171, 25.3005 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(194, 23, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 23, 138)  
}
```

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(194, 23, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 23, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.1420, 13.9171, 25.3005 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(194, 23, 138) }
```


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

```
.border{ border-color:rgb(194, 23, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 23, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 23, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 23, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 23,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1420, 13.9171, 25.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 23, 138) }
```

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

```
.background{ background-color: rgb(194, 23,  
138) }
```

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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