

Converting Colors

XYZ(27.1471, 14.6418, 33.9933)

Have a look what the booklet for
XYZ(27.1471, 14.6418, 33.9933)
contains.

XYZ(27.2040, 14.6943, 34.2034)	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(27.2040, 14.6943,
34.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	B92D9F
RGB	185, 45, 159
RGB Percent	73%, 18%, 62%
CMY	0.2745, 0.8235, 0.3765
CMYK	0.00, 0.76, 0.14, 0.27
HSL	311°, 61%, 45%
HSV	311°, 76%, 73%
XYZ	27.2040, 14.6943, 34.2034
YIQ	99.8560, 46.8460, 65.1340

Conversions

Conversions Part 2

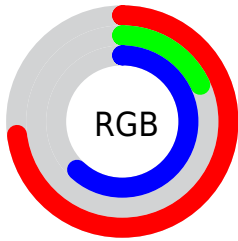
Format	Color
RYB	185, 45, 159
Decimal	12135839
CIELab	45.21, 65.66, -30.42
CIELCh	45, 72.365, 335.144
Yxy	14.6943, 0.3575, 0.1931
Android (android.graphics.Color)	4290325919 (0xFFB92D9F)
YUV	99.8560, 29.1580, 74.6713
Hunter-Lab	38.3331, 59.5936, -26.0693

Details

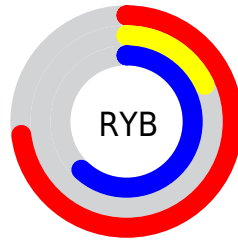
The XYZ color **27.2040, 14.6943, 34.2034** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.5693, 35.7113, 11.8243**, and the grayscale version is **11.9974, 12.6222, 13.7455**.

A 20% lighter version of the original color is **54.4974, 34.1913, 67.3456**, and **11.5559, 5.6507, 14.3916** is the 20% darker color. If you saturate the color by 10%, you get **26.3524, 13.4615, 32.4689**, and if you desaturate by 10%, it is **28.3740, 16.5502, 36.0852**.

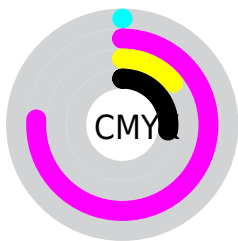
Distribution



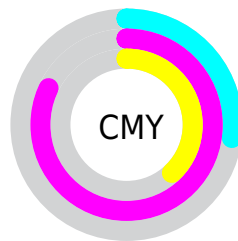
- Red (73%)
- Green (18%)
- Blue (62%)



- Red (73%)
- Yellow (18%)
- Blue (62%)



- Cyan (0%)
- Magenta (76%)
- Yellow (14%)
- Black (27%)





- Cyan (27%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2040, 14.6943, 34.2034 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 27.2040, 14.6943, 34.2034 by changing the saturation by 10% instead.

 27.2040, 14.6943,
34.2034


 27.2040, 14.6943,
34.2034


280.7931,
221.5084, 335.8349


 17.8639, 8.6051,
22.7713


 54.6286, 34.3160,
67.3874


 10.9514, 4.4845,
14.2210


 73.4438, 48.6173,
89.9763


 6.1012, 1.9481,
8.1340


 96.1481, 66.4248,
117.1212

 2.9480, 0.5771,
4.0918

 123.1068, 88.1228,
149.2407

 1.1263, 0.0000,
1.6759

 154.6853,
114.0958, 186.7532

 0.0470, 0.0000,
0.3441

 191.2490,

 0.0000, 0.0000,

144.7281, 230.0774

0.0000

233.1631,
180.4042, 279.6318

■ 27.2040, 14.6943,
34.2034

■ 27.2040, 14.6943,
34.2034

■ 26.3524, 13.4615,
32.4689

■ 28.3740, 16.5502,
36.0852

■ 25.7727, 12.7594,
30.8654

■ 29.8969, 19.0988,
38.1257

■ 25.5646, 12.5371,
30.1981

■ 31.8043, 22.4028,
40.3360

■ 34.1237, 26.5174,
42.7254

■ 36.8803, 31.4925,
45.3027

■ 40.0969, 37.3740,
48.0759

■ 43.7950, 44.2047,
51.0523

■ 47.9947, 52.0244,
54.2390

■ 52.7147, 60.8708,
57.6426

Harmonies

Analogous

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



21.6810, 14.6943, 60.8203



27.2040, 14.6943, 34.2034



28.8231, 14.6943, 13.2262

Triad

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



27.2040, 14.6943, 34.2034



12.9612, 14.6943, 0.4110



6.5195, 14.6943, 43.4063

Complementary

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



27.2040, 14.6943, 34.2034



19.5693, 35.7113, 11.8243

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.



5.3628, 14.6943, 19.1358



27.2040, 14.6943, 34.2034



8.3408, 14.6943, 1.3566

Square

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



27.2040, 14.6943, 34.2034



19.3751, 14.6943, 0.8593



5.9189, 14.6943, 5.7698



9.6716, 14.6943, 68.2952

Rectangle

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



27.2040, 14.6943, 34.2034



27.1658, 14.6943, 5.6940



5.9189, 14.6943, 5.7698



5.9328, 14.6943, 34.4536

Sweetspot

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



27.2045, 14.6950, 34.2037



67.2996, 58.6736, 82.2445



12.2704, 6.7075, 46.5473



14.0916, 11.8909, 17.3581



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.2045, 14.6950, 34.2037



46.4429, 23.1627, 56.1704



22.7639, 12.9188, 10.8199



9.3075, 9.1334, 10.9664



17.4320, 8.5466, 20.6936



0.6333, 0.3088, 0.8285

Inverse Universe

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



27.2045, 14.6950, 34.2037



46.4429, 23.1627, 56.1704



23.2149, 37.1696, 31.0216



9.3075, 9.1334, 10.9664



17.4320, 8.5466, 20.6936



0.6333, 0.3088, 0.8285

Previews

White Background



This preview shows how the XYZ color 27.2040, 14.6943, 34.2034 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 27.2040, 14.6943, 34.2034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

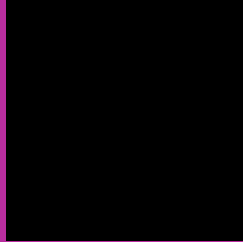
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.2040, 14.6943, 34.2034

Background



This preview shows how black text looks on a background with the XYZ color 27.2040, 14.6943, 34.2034.



This preview shows how white text looks on a background with the XYZ color 27.2040, 14.6943,

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

27.2040, 14.6943, 34.2034

Protanopia

17.5857, 15.0849, 62.3064

Deuteranopia

15.2769, 15.0446, 30.9529



Tritanopia

21.8892, 14.6623, 8.8841

Trichromacy



Original Color

27.2040, 14.6943, 34.2034



Protanomaly

17.4270, 12.4895, 50.7824



Deuteranomaly

17.5243, 13.0762, 31.7373



Tritanomaly

23.2537, 14.3198, 15.4483

Monochromacy



Original Color

27.2040, 14.6943, 34.2034



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

15.6799, 11.9431, 19.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2040, 14.6943, 34.2034 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(185, 45, 159)` looks like.

```
.text, #text, p{  
    color:rgb(185, 45, 159)  
}
```

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(185, 45, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 45, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.2040, 14.6943, 34.2034 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(185, 45, 159) }
```


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

```
.border{ border-color:rgb(185, 45, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 45, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 45, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 45, 159);  
box-shadow:4px 4px 4px 4px rgb(185, 45,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2040, 14.6943, 34.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 45, 159) }
```

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

```
.background{ background-color: rgb(185, 45,  
159) }
```

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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