

Converting Colors

XYZ(27.4108, 17.3653, 43.5018)

Have a look what the booklet for
XYZ(27.4108, 17.3653, 43.5018)
contains.

XYZ(27.3094, 17.3123, 43.4972)	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(27.3094, 17.3123,
43.4972)**

Conversions

Conversions Part 1

Format	Color
Hex	AA4FB1
RGB	170, 79, 177
RGB Percent	67%, 31%, 69%
CMY	0.3333, 0.6902, 0.3059
CMYK	0.04, 0.55, 0.00, 0.31
HSL	296°, 39%, 50%
HSV	296°, 55%, 69%
XYZ	27.3094, 17.3123, 43.4972
YIQ	117.3810, 22.7780, 49.7700

Conversions

Conversions Part 2

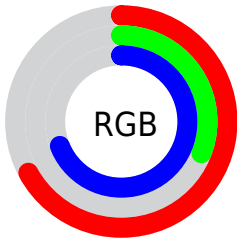
Format	Color
RYB	170, 79, 177
Decimal	11161521
CIELab	48.65, 51.27, -35.83
CIELCh	49, 62.546, 325.050
Yxy	17.3123, 0.3099, 0.1965
Android (android.graphics.Color)	4289351601 (0xFFAA4FB1)
YUV	117.3810, 29.3922, 46.1469
Hunter-Lab	41.6081, 44.3442, -32.8563

Details

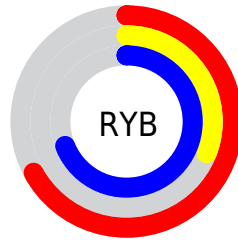
The XYZ color **27.3094, 17.3123, 43.4972** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.9716, 33.9876, 12.8528**, and the grayscale version is **16.9339, 17.8158, 19.4014**.

A 20% lighter version of the original color is **54.6378, 38.7166, 81.6841**, and **11.0147, 5.7129, 19.5909** is the 20% darker color. If you saturate the color by 10%, you get **25.9268, 14.9504, 43.1144**, and if you desaturate by 10%, it is **29.0358, 20.3569, 43.9941**.

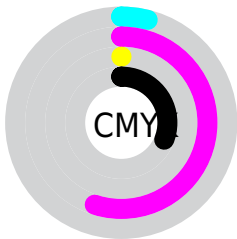
Distribution



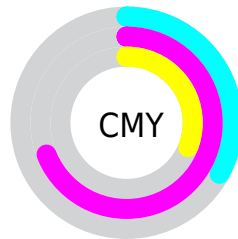
- Red (67%)
- Green (31%)
- Blue (69%)



- Red (67%)
- Yellow (31%)
- Blue (69%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (31%)





- Cyan (33%)
- Magenta (69%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3094, 17.3123, 43.4972 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 27.3094, 17.3123, 43.4972 by changing the saturation by 10% instead.

 27.3094, 17.3123,
43.4972


 27.3094, 17.3123,
43.4972


281.2924,
236.9657, 376.6336


 17.9435, 10.4574,
29.9411


 54.7963, 38.8620,
81.7550


 11.0089, 5.7033,
19.5422


 73.6481, 54.3255,
107.2938


 6.1402, 2.6655,
11.8820

 96.3926, 73.4274,
137.6640

 2.9720, 0.9597,
6.5418

 123.3951, 96.5520,
173.2840

 1.1389, 0.0000,
3.1032

 155.0209,
124.0837, 214.5724

 0.0573, 0.0000,
1.1476

191.6355,

 0.0000, 0.0000,

156.4070, 261.9478

0.0000

233.6042,
193.9062, 315.8287

■ 27.3094, 17.3123,
43.4972

■ 27.3094, 17.3123,
43.4972

■ 25.9268, 14.9504,
43.1144

■ 29.0358, 20.3569,
43.9941

■ 24.8584, 13.2135,
42.8355

■ 31.1286, 24.1310,
44.6123

■ 24.0729, 12.0385,
42.6501

■ 33.6109, 28.6800,
45.3595

■ 23.5306, 11.3459,
42.5450

■ 36.5032, 34.0451,
46.2427

■ 23.3200, 11.1052,
42.5096

■ 39.8245, 40.2645,
47.2680

■ 43.5928, 47.3737,
48.4417

■ 47.8250, 55.4067,
49.7691

■ 52.5369, 64.3954,
51.2558

■ 57.7439, 74.3702,
52.9067

Harmonies

Analogous

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



21.6059, 17.3123, 64.6861



27.3094, 17.3123, 43.4972



30.1454, 17.3123, 21.7230

Triad

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



27.3094, 17.3123, 43.4972



17.4295, 17.3123, 1.6165



8.3199, 17.3123, 35.7300

Complementary

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



27.3094, 17.3123, 43.4972



20.9716, 33.9876, 12.8528

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.



7.7008, 17.3123, 16.2424



27.3094, 17.3123, 43.4972



12.1953, 17.3123, 2.2403

Square

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



27.3094, 17.3123, 43.4972



23.6531, 17.3123, 2.9696



8.9416, 17.3123, 5.8894



10.8888, 17.3123, 58.6543

Rectangle

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



27.3094, 17.3123, 43.4972



29.6412, 17.3123, 11.7530



8.9416, 17.3123, 5.8894



7.9067, 17.3123, 28.3481

Sweetspot

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



27.3100, 17.3131, 43.4976



64.3198, 59.0068, 82.4947



14.5826, 11.6807, 43.0812



13.7143, 12.3698, 17.8091



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.3100, 17.3131, 43.4976



46.0572, 26.1490, 77.1151



25.3837, 16.7220, 25.2452



8.7889, 8.6152, 10.7060



16.9176, 8.0572, 30.8005



0.5500, 0.2626, 0.9699

Inverse Universe

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



22.6076, 15.6116, 10.6264



36.9962, 22.9121, 11.8903



22.3272, 34.4590, 23.1915



8.5202, 8.5148, 8.9716



13.1969, 6.7963, 0.9307



0.4233, 0.2171, 0.0719

Previews

White Background



This preview shows how the XYZ color 27.3094, 17.3123, 43.4972 looks on a white background.

Color Contrast Check

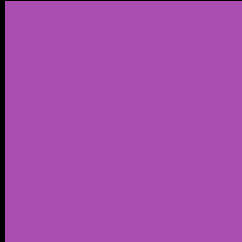
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3094, 17.3123, 43.4972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

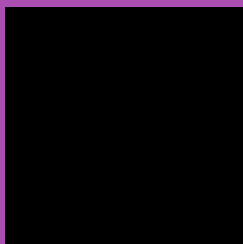
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.3094, 17.3123, 43.4972

Background



This preview shows how black text looks on a background with the XYZ color 27.3094, 17.3123, 43.4972.



This preview shows how white text looks on a background with the XYZ color 27.3094, 17.3123,

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

27.3094, 17.3123, 43.4972

Protanopia

19.8888, 17.7039, 62.0435

Deuteranopia

17.9956, 17.5289, 40.9630



Tritanopia

21.6154, 17.3324, 15.5708

Trichromacy



Original Color

27.3094, 17.3123, 43.4972



Protanomaly

20.7951, 16.4644, 54.9052



Deuteranomaly

20.1794, 16.5848, 41.6728



Tritanomaly

23.1477, 17.0134, 23.5366

Monochromacy



Original Color

27.3094, 17.3123, 43.4972



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

19.6638, 16.7988, 26.6322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3094, 17.3123, 43.4972 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(170, 79, 177)` looks like.

```
.text, #text, p{  
  color:rgb(170, 79, 177)  
}
```

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(170, 79, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 79, 177) }
```

Border

The CSS property to change the border of an element to XYZ 27.3094, 17.3123, 43.4972 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(170, 79, 177) }
```


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

```
.border{ border-color:rgb(170, 79, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 79, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 79, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 79, 177); box-shadow:4px 4px 4px 4px rgb(170, 79, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3094, 17.3123, 43.4972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 79, 177) }
```

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

```
.background{ background-color: rgb(170, 79,  
177) }
```

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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