

Converting Colors

XYZ(24.3848, 15.7941, 26.8349)

Have a look what the booklet for
XYZ(24.3848, 15.7941, 26.8349)
contains.

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Color

**XYZ(24.3371, 15.7259,
26.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4B8D
RGB	172, 75, 141
RGB Percent	67%, 29%, 55%
CMY	0.3255, 0.7059, 0.4471
CMYK	0.00, 0.56, 0.18, 0.33
HSL	319°, 39%, 48%
HSV	319°, 56%, 67%
XYZ	24.3371, 15.7259, 26.9520
YIQ	111.5270, 36.6260, 41.0900

Conversions

Conversions Part 2

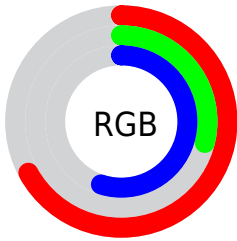
Format	Color
R_{YB}	172, 75, 141
Decimal	11291533
CIE _{Lab}	46.61, 47.62, -17.62
CIE _{LCh}	47, 50.776, 339.692
Yxy	15.7259, 0.3632, 0.2347
Android (android.graphics.Color)	4289481613 (0xFFAC4B8D)
YUV	111.5270, 14.5302, 53.0348
Hunter-Lab	39.6559, 40.1489, -12.5371

Details

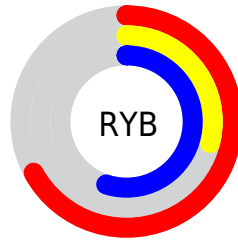
The XYZ color **24.3371, 15.7259, 26.9520** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **20.2565, 32.0421, 18.7542**, and the grayscale version is **15.2148, 16.0071, 17.4318**.

A 20% lighter version of the original color is **50.2026, 36.2015, 55.9714**, and **9.4408, 4.9699, 10.3592** is the 20% darker color. If you saturate the color by 10%, you get **22.9254, 13.5407, 24.5132**, and if you desaturate by 10%, it is **26.0855, 18.5514, 29.6035**.

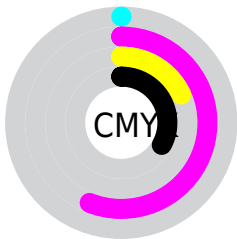
Distribution



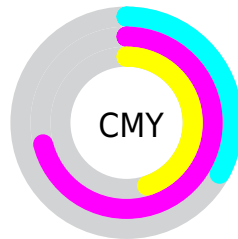
- Red (67%)
- Green (29%)
- Blue (55%)



- Red (67%)
- Yellow (29%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)
- Black (33%)



- Cyan (33%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3371, 15.7259, 26.9520 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 24.3371, 15.7259, 26.9520 by changing the saturation by 10% instead.

■ 24.3371, 15.7259,
26.9520

■ 24.3371, 15.7259,
26.9520

266.9293,
227.7188, 301.1775

■ 15.7100, 9.3304,
17.3051

■ 50.0304, 36.1217,
55.8096

■ 9.4087, 4.9573,
10.2880

■ 67.8273, 50.8908,
75.8574

■ 5.0679, 2.2222,
5.4822

■ 89.4115, 69.2199,
100.2092

■ 2.3223, 0.7321,
2.4692

■ 115.1483, 91.4933,
129.2836

■ 0.8061, 0.0000,
0.8238

■ 145.4032,
118.0955, 163.4990

■ 0.0000, 0.0000,
0.0000

180.5414,

149.4109, 203.2741

220.9283,
185.8239, 249.0274

■ 24.3371, 15.7259,
26.9520

■ 24.3371, 15.7259,
26.9520

■ 22.9254, 13.5407,
24.5132

■ 26.0855, 18.5514,
29.6035

■ 21.8224, 11.9413,
22.2759

■ 28.1925, 22.0615,
32.4760

■ 20.9983, 10.8679,
20.2289

■ 30.6798, 26.2989,
35.5782

■ 20.4112, 10.2376,
18.3567

■ 33.5671, 31.3023,
38.9181

■ 20.2260, 10.0558,
17.7134

■ 36.8725, 37.1077,
42.5030

■ 40.6131, 43.7487,
46.3399

■ 44.8049, 51.2571,
50.4355

■ 49.4632, 59.6629,
54.7960

■ 54.6025, 68.9948,
59.4276

Harmonies

Analogous

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



21.0083, 15.7259, 43.2556



24.3371, 15.7259, 26.9520



24.9006, 15.7259, 13.3690

Triad

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



24.3371, 15.7259, 26.9520



13.5713, 15.7259, 2.6421



9.3497, 15.7259, 37.6528

Complementary

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



24.3371, 15.7259, 26.9520



20.2565, 32.0421, 18.7542

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.



8.0779, 15.7259, 21.5208



24.3371, 15.7259, 26.9520



10.1805, 15.7259, 4.4481

Square

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



24.3371, 15.7259, 26.9520



18.0704, 15.7259, 2.9892



8.3489, 15.7259, 10.0315



12.2060, 15.7259, 51.2471

Rectangle

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



24.3371, 15.7259, 26.9520



23.5388, 15.7259, 7.7268



8.3489, 15.7259, 10.0315



8.7508, 15.7259, 32.0954

Sweetspot

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



24.3376, 15.7267, 26.9523



60.3865, 55.8993, 70.0318



15.8735, 11.0585, 40.3280



12.8948, 11.7503, 14.9606



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.3376, 15.7267, 26.9523



40.9696, 23.6412, 43.2870



21.4962, 14.5901, 11.9898



8.2265, 8.1039, 9.5036



15.0771, 7.4934, 13.3173



0.4429, 0.2178, 0.4940

Inverse Universe

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



24.3376, 15.7267, 26.9523



40.9696, 23.6412, 43.2870



23.5056, 33.3418, 35.8640



8.2265, 8.1039, 9.5036



15.0771, 7.4934, 13.3173



0.4429, 0.2178, 0.4940

Previews

White Background



This preview shows how the XYZ color 24.3371, 15.7259, 26.9520 looks on a white background.

Color Contrast Check

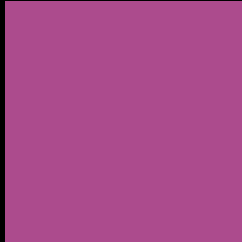
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3371, 15.7259, 26.9520 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 24.3371, 15.7259, 26.9520

Background



This preview shows how black text looks on a background with the XYZ color 24.3371, 15.7259, 26.9520.



This preview shows how white text looks on a background with the XYZ color 24.3371, 15.7259,

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

24.3371, 15.7259, 26.9520

Protanopia

16.7581, 15.9514, 38.7549

Deuteranopia

16.3430, 16.0298, 25.5253



Tritanopia

21.1959, 15.6438, 12.0276

Trichromacy



Original Color

24.3371, 15.7259, 26.9520

Protanomaly

18.1920, 15.0111, 34.2864

Deuteranomaly

18.5350, 15.3709, 26.0347

Tritanomaly

22.1940, 15.5954, 16.5923

Monochromacy



Original Color

24.3371, 15.7259, 26.9520

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.8685, 15.4221, 20.7739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3371, 15.7259, 26.9520 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(172, 75, 141)` looks like.

```
.text, #text, p{  
    color:rgb(172, 75, 141)  
}
```

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(172, 75, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 75, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.3371, 15.7259, 26.9520 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(172, 75, 141) }
```


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

```
.border{ border-color:rgb(172, 75, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 75, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 75, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 75, 141);  
box-shadow:4px 4px 4px 4px rgb(172, 75,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3371, 15.7259, 26.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 75, 141) }
```

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

```
.background{ background-color: rgb(172, 75,  
141) }
```

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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