

Converting Colors

XYZ(24.1558, 17.0224, 26.3901)

Have a look what the booklet for
XYZ(24.1558, 17.0224, 26.3901)
contains.

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Color

**XYZ(24.2168, 17.0053,
26.4321)**

Conversions

Conversions Part 1

Format	Color
Hex	A8578B
RGB	168, 87, 139
RGB Percent	66%, 34%, 55%
CMY	0.3412, 0.6588, 0.4549
CMYK	0.00, 0.48, 0.17, 0.34
HSL	321°, 32%, 50%
HSV	321°, 48%, 66%
XYZ	24.2168, 17.0053, 26.4321
YIQ	117.1470, 31.5840, 33.3440

Conversions

Conversions Part 2

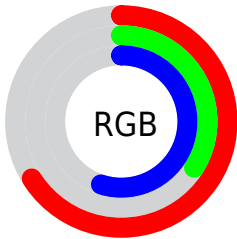
Format	Color
R_{YB}	168, 87, 139
Decimal	11032459
CIE _{Lab}	48.27, 39.97, -13.96
CIE _{LCh}	48, 42.334, 340.748
Yxy	17.0053, 0.3579, 0.2514
Android (android.graphics.Color)	4289222539 (0xFFA8578B)
YUV	117.1470, 10.7735, 44.5981
Hunter-Lab	41.2375, 32.6589, -9.1370

Details

The XYZ color **24.2168, 17.0053, 26.4321** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.0862, 31.2929, 21.4531**, and the grayscale version is **16.9154, 17.7963, 19.3802**.

A 20% lighter version of the original color is **49.9096, 38.3230, 55.2186**, and **9.3735, 5.5604, 10.0304** is the 20% darker color. If you saturate the color by 10%, you get **22.5841, 14.4239, 23.7788**, and if you desaturate by 10%, it is **26.1912, 20.2310, 29.3190**.

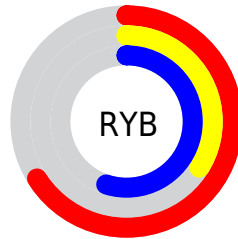
Distribution



Red (66%)

Green (34%)

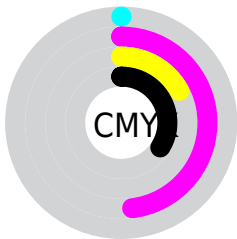
Blue (55%)



Red (66%)

Yellow (34%)

Blue (55%)

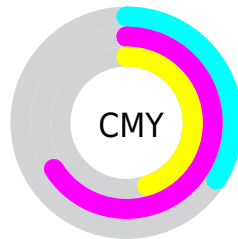


Cyan (0%)

Magenta (48%)

Yellow (17%)

Black (34%)



Cyan (34%)


Magenta (66%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2168, 17.0053, 26.4321 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 24.2168, 17.0053, 26.4321 by changing the saturation by 10% instead.


 24.2168, 17.0053,
26.4321


 24.2168, 17.0053,
26.4321


266.3349,
235.2029, 298.5695


 15.6201, 10.2383,
16.9185


 49.8359, 38.3349,
54.9638


 9.3449, 5.5572,
10.0151


 67.5890, 53.6662,
74.8191


 5.0257, 2.5778,
5.3032

 89.1249, 72.6211,
98.9586

 2.2973, 0.9155,
2.3644

 114.8091, 95.5840,
127.8009

 0.7933, 0.0000,
0.7670

 145.0068,
122.9392, 161.7647

 0.0000, 0.0000,
0.0000

180.0834,

155.0712, 201.2683

220.4043,
192.3643, 246.7304

■ 24.2168, 17.0053,
26.4321

■ 24.2168, 17.0053,
26.4321

■ 22.5841, 14.4239,
23.7788

■ 26.1912, 20.2310,
29.3190

■ 21.2690, 12.4396,
21.3487

■ 28.5264, 24.1391,
32.4471

■ 20.2463, 11.0029,
19.1315

■ 31.2415, 28.7674,
35.8249


■ 19.4863, 10.0547,
17.1154


■ 34.3543, 34.1503,
39.4600


■ 18.9374, 9.4926,
15.2810


■ 37.8809, 40.3199,
43.3595

 18.8473, 9.4044,
14.9672

 41.8369, 47.3067,
47.5304

 46.2368, 55.1393,
51.9792

 51.0946, 63.8449,
56.7121

 56.4236, 73.4497,
61.7352

Harmonies

Analogous

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



21.4985, 17.0053, 39.6966



24.2168, 17.0053, 26.4321



24.5911, 17.0053, 14.8335

Triad

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



24.2168, 17.0053, 26.4321



14.8201, 17.0053, 4.5127



11.1739, 17.0053, 36.1102

Complementary

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



24.2168, 17.0053, 26.4321



21.0862, 31.2929, 21.4531

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.



9.9211, 17.0053, 22.7622



24.2168, 17.0053, 26.4321



11.7926, 17.0053, 6.6426

Square

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



24.2168, 17.0053, 26.4321



18.7316, 17.0053, 4.8381



10.1280, 17.0053, 12.3627



13.8407, 17.0053, 46.6472

Rectangle

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



24.2168, 17.0053, 26.4321



23.4047, 17.0053, 9.6471



10.1280, 17.0053, 12.3627



10.5943, 17.0053, 31.6235

Sweetspot

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



24.2173, 17.0061, 26.4324



58.8380, 55.8983, 67.5614



17.5932, 13.3131, 38.6883



12.5758, 11.7552, 14.4318



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2173, 17.0061, 26.4324



40.7566, 25.8259, 42.7583



21.8166, 16.0458, 13.7903



7.7262, 7.6203, 8.8752



14.2578, 7.1118, 11.4348



0.3700, 0.1823, 0.3997

Inverse Universe

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



24.2173, 17.0061, 26.4324



40.7566, 25.8259, 42.7583



23.9217, 32.4271, 36.3846



7.7262, 7.6203, 8.8752



14.2578, 7.1118, 11.4348



0.3700, 0.1823, 0.3997

Previews

White Background



This preview shows how the XYZ color 24.2168, 17.0053, 26.4321 looks on a white background.

Color Contrast Check

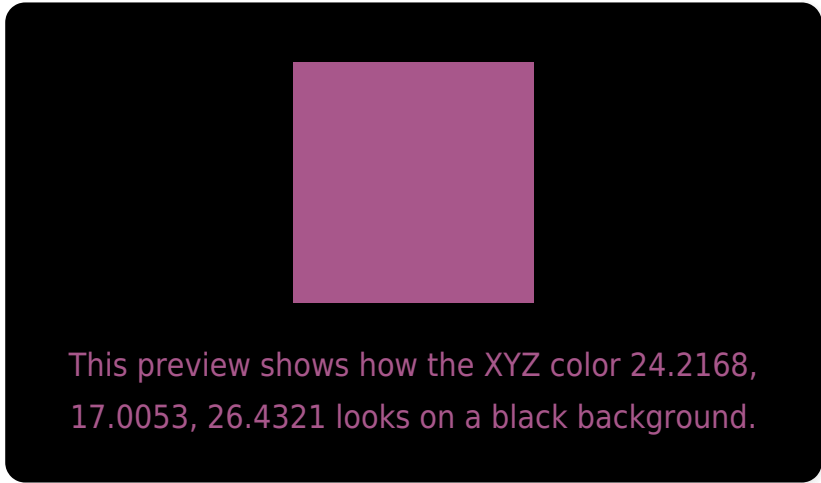
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2168, 17.0053, 26.4321

Background



This preview shows how black text looks on a background with the XYZ color 24.2168, 17.0053, 26.4321.



This preview shows how white text looks on a background with the XYZ color 24.2168, 17.0053,

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

24.2168, 17.0053, 26.4321

Protanopia

17.6684, 17.3280, 34.7612

Deuteranopia

17.5035, 17.1195, 25.3035



Tritanopia

21.8003, 17.0362, 14.7097

Trichromacy



Original Color

24.2168, 17.0053, 26.4321

Protanomaly

19.1404, 16.5706, 31.4678

Deuteranomaly

19.4475, 16.7123, 25.4934

Tritanomaly

22.4387, 16.8914, 18.2974

Monochromacy



Original Color

24.2168, 17.0053, 26.4321

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.0090, 17.0230, 21.6859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2168, 17.0053, 26.4321 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(168, 87, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 87, 139)  
}
```

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(168, 87, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 87, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.2168, 17.0053, 26.4321 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(168, 87, 139) }
```


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

```
.border{ border-color:rgb(168, 87, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 87, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 87, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 87, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 87,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2168, 17.0053, 26.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 87, 139) }
```

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

```
.background{ background-color: rgb(168, 87,  
139) }
```

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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