

Converting Colors

XYZ(25.1180, 16.9024, 27.7423)

Have a look what the booklet for
XYZ(25.1180, 16.9024, 27.7423)
contains.

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Color

**XYZ(25.2088, 16.9020,
27.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	AD528F
RGB	173, 82, 143
RGB Percent	68%, 32%, 56%
CMY	0.3216, 0.6784, 0.4392
CMYK	0.00, 0.53, 0.17, 0.32
HSL	320°, 36%, 50%
HSV	320°, 53%, 68%
XYZ	25.2088, 16.9020, 27.9204
YIQ	116.1630, 34.6550, 38.2630

Conversions

Conversions Part 2

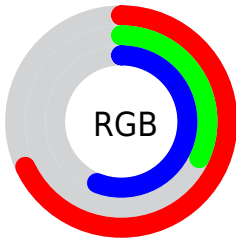
Format	Color
R_{YB}	173, 82, 143
Decimal	11358863
CIE _{Lab}	48.14, 44.80, -16.48
CIE _{LCh}	48, 47.735, 339.800
Yxy	16.9020, 0.3600, 0.2413
Android (android.graphics.Color)	4289548943 (0xFFAD528F)
YUV	116.1630, 13.2306, 49.8460
Hunter-Lab	41.1120, 37.5053, -11.4872

Details

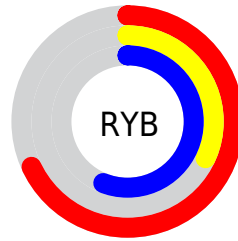
The XYZ color **25.2088, 16.9020, 27.9204** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.3487, 32.8513, 20.5464**, and the grayscale version is **16.6043, 17.4690, 19.0237**.

A 20% lighter version of the original color is **51.3751, 38.1822, 57.4855**, and **9.8864, 5.5206, 10.9004** is the 20% darker color. If you saturate the color by 10%, you get **23.6438, 14.4458, 25.3209**, and if you desaturate by 10%, it is **27.1257, 20.0264, 30.7459**.

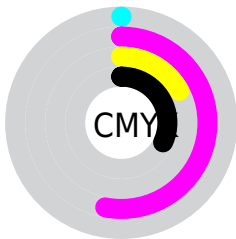
Distribution



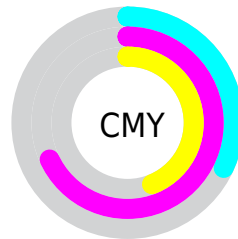
- Red (68%)
- Green (32%)
- Blue (56%)



- Red (68%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (32%)





- Cyan (32%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2088, 16.9020, 27.9204 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 25.2088, 16.9020, 27.9204 by changing the saturation by 10% instead.


 25.2088, 16.9020,
27.9204


 25.2088, 16.9020,
27.9204


271.2047,
234.6070, 305.9863

 16.3622, 10.1646,
18.0271


 51.4362, 38.1572,
57.3789

 9.8733, 5.5083,
10.7998


 69.5478, 53.4438,
77.7812


 5.3767, 2.5484,
5.8199

 91.4784, 72.3490,
102.5237

 2.5069, 0.9008,
2.6689

 117.5934, 95.2572,
132.0247

 0.8988, 0.0000,
0.9277

 148.2582,
122.5526, 166.7030

 0.0000, 0.0000,
0.0000

183.8381,

154.6198, 206.9770

224.6985,
191.8432, 253.2653

■ 25.2088, 16.9020,
27.9204

■ 25.2088, 16.9020,
27.9204

■ 23.6438, 14.4458,
25.3209

■ 27.1257, 20.0264,
30.7459

■ 22.4035, 12.6047,
22.9364

■ 29.4158, 23.8617,
33.8056

■ 21.4594, 11.3217,
20.7557

■ 32.1006, 28.4502,
37.1083

■ 20.7766, 10.5278,
18.7657

■ 35.1993, 33.8300,
40.6621

■ 20.3840, 10.1444,
17.3960

■ 38.7300, 40.0365,
44.4742

■ 42.7096, 47.1033,
48.5519

■ 47.1540, 55.0617,
52.9018

■ 52.0785, 63.9418,
57.5305

■ 57.4975, 73.7720,
62.4441

Harmonies

Analogous

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



22.0022, 16.9020, 43.4579



25.2088, 16.9020, 27.9204



25.7397, 16.9020, 14.6375

Triad

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



25.2088, 16.9020, 27.9204



14.6896, 16.9020, 3.4917



10.4820, 16.9020, 38.2631

Complementary

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



25.2088, 16.9020, 27.9204



21.3487, 32.8513, 20.5464

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.



9.1806, 16.9020, 22.7655



25.2088, 16.9020, 27.9204



11.3050, 16.9020, 5.4943

Square

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



25.2088, 16.9020, 27.9204



19.1130, 16.9020, 3.8741



9.4521, 16.9020, 11.3397



13.3593, 16.9020, 51.0559

Rectangle

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



25.2088, 16.9020, 27.9204



24.4223, 16.9020, 8.9182



9.4521, 16.9020, 11.3397



9.8715, 16.9020, 32.9707

Sweetspot

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



25.2093, 16.9028, 27.9207



60.9088, 56.8719, 70.4275



17.0935, 12.4203, 41.0319



12.9972, 11.9433, 15.0312



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.



25.2093, 16.9028, 27.9207



41.9750, 25.3081, 44.6826



22.4886, 15.8145, 13.5934



8.2231, 8.1025, 9.4856



15.0022, 7.4634, 12.9230



0.4412, 0.2172, 0.4851

Inverse Universe

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



25.2093, 16.9028, 27.9207



41.9750, 25.3081, 44.6826



24.4515, 34.0925, 36.8856



8.2231, 8.1025, 9.4856



15.0022, 7.4634, 12.9230



0.4412, 0.2172, 0.4851

Previews

White Background



This preview shows how the XYZ color 25.2088, 16.9020, 27.9204 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

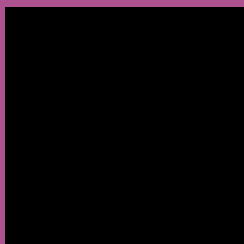
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2088, 16.9020, 27.9204

Background



This preview shows how black text looks on a background with the XYZ color 25.2088, 16.9020, 27.9204.



This preview shows how white text looks on a background with the XYZ color 25.2088, 16.9020,

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

25.2088, 16.9020, 27.9204

Protanopia

17.8251, 17.1601, 38.4491

Deuteranopia

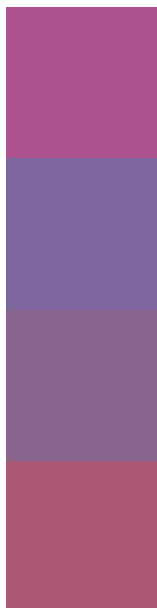
17.4518, 17.0682, 26.4194



Tritanopia

22.2277, 16.8800, 13.8910

Trichromacy



Original Color

25.2088, 16.9020, 27.9204

Protanomaly

19.3804, 16.3313, 34.4786

Deuteranomaly

19.5406, 16.4351, 26.9533

Tritanomaly

23.1618, 16.7633, 18.2345

Monochromacy



Original Color

25.2088, 16.9020, 27.9204

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.0327, 16.7254, 21.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2088, 16.9020, 27.9204 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(173, 82, 143)` looks like.

```
.text, #text, p{  
    color:rgb(173, 82, 143)  
}
```

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(173, 82, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 82, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.2088, 16.9020, 27.9204 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(173, 82, 143) }
```


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

```
.border{ border-color:rgb(173, 82, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 82, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 82, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 82, 143);  
box-shadow:4px 4px 4px 4px rgb(173, 82,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2088, 16.9020, 27.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 82, 143) }
```

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

```
.background{ background-color: rgb(173, 82,  
143) }
```

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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