

Converting Colors

XYZ(25.8498, 18.2280, 21.9591)

Have a look what the booklet for
XYZ(25.8498, 18.2280, 21.9591)
contains.

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Color

**XYZ(25.9287, 18.2348,
21.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	B3597E
RGB	179, 89, 126
RGB Percent	70%, 35%, 49%
CMY	0.2980, 0.6510, 0.5059
CMYK	0.00, 0.50, 0.30, 0.30
HSL	335°, 37%, 53%
HSV	335°, 50%, 70%
XYZ	25.9287, 18.2348, 21.8917
YIQ	120.1280, 41.7630, 30.5870

Conversions

Conversions Part 2

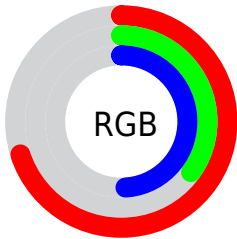
Format	Color
R _Y B	179, 89, 126
Decimal	11753854
CIE Lab	49.78, 40.74, -3.75
CIE LCh	50, 40.917, 354.737
Yxy	18.2348, 0.3925, 0.2761
Android (android.graphics.Color)	4289943934 (0xFFB3597E)
YUV	120.1280, 2.8949, 51.6307
Hunter-Lab	42.7022, 33.6559, -0.5040

Details

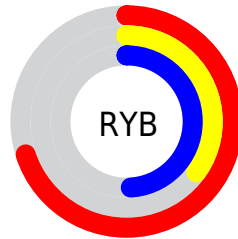
The XYZ color **25.9287, 18.2348, 21.8917** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.1233, 36.3176, 31.2790**, and the grayscale version is **17.8757, 18.8067, 20.4805**.

A 20% lighter version of the original color is **52.7347, 40.6052, 47.7060**, and **10.2010, 6.1330, 7.6673** is the 20% darker color. If you saturate the color by 10%, you get **23.9714, 15.3520, 18.0582**, and if you desaturate by 10%, it is **28.3209, 21.8724, 26.2242**.

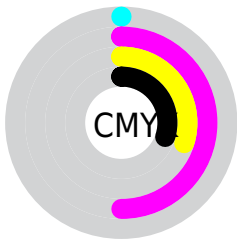
Distribution



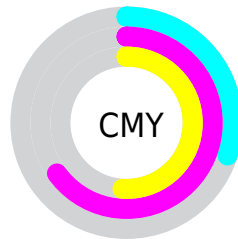
- Red (70%)
- Green (35%)
- Blue (49%)



- Red (70%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (30%)
- Black (30%)





- Cyan (30%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9287, 18.2348, 21.8917 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 25.9287, 18.2348, 21.8917 by changing the saturation by 10% instead.

 25.9287, 18.2348,
21.8917


 25.9287, 18.2348,
21.8917


274.6950,
242.1912, 274.9152


 16.9027, 11.1187,
13.5798


 52.5920, 40.4370,
47.4668

 10.2600, 6.1467,
7.6936


 70.9601, 56.2919,
65.5671

 5.6353, 2.9345,
3.8146

 93.1728, 75.8285,
87.7673

 2.6631, 1.0976,
1.5242

 119.5957, 99.4312,
114.4859

 0.9782, 0.0000,
0.2358

150.5940,
127.4845, 146.1414

 0.0000, 0.0000,
0.0000

186.5330,

160.3726, 183.1525

227.7783,
198.4801, 225.9376

■ 25.9287, 18.2348,
21.8917

■ 25.9287, 18.2348,
21.8917

■ 23.9714, 15.3520,
18.0582

■ 28.3209, 21.8724,
26.2242

■ 22.4185, 13.1669,
14.7022

■ 31.1725, 26.3109,
31.0738

■ 21.2378, 11.6187,
11.8015

■ 34.5081, 31.5960,
36.4588

■ 20.3910, 10.6348,
9.3314

■ 38.3499, 37.7691,
42.3964

■ 19.8126, 10.0726,
7.3053

■ 42.7188, 44.8688,
48.9026

■ 47.6345, 52.9317,
55.9930

■ 53.1154, 61.9920,
63.6824

■ 59.1794, 72.0824,
71.9852

■ 65.8434, 83.2343,
80.9151

Harmonies

Analogous

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



24.2086, 18.2348, 35.0247



25.9287, 18.2348, 21.8917



25.0789, 18.2348, 12.1515

Triad

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



25.9287, 18.2348, 21.8917



14.3775, 18.2348, 6.0339



13.3505, 18.2348, 43.0775

Complementary

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



25.9287, 18.2348, 21.8917



25.1233, 36.3176, 31.2790

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.



11.3709, 18.2348, 30.2729



25.9287, 18.2348, 21.8917



11.8985, 18.2348, 9.8528

Square

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



25.9287, 18.2348, 21.8917



18.0291, 18.2348, 5.2228



10.8820, 18.2348, 17.9480



16.6524, 18.2348, 49.8620

Rectangle

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



25.9287, 18.2348, 21.8917



23.2268, 18.2348, 8.2449



10.8820, 18.2348, 17.9480



12.5293, 18.2348, 39.1462

Sweetspot

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



25.9292, 18.2357, 21.8920



65.1434, 61.9377, 70.5127



22.7796, 16.1071, 44.5564



14.1193, 13.2196, 15.1359



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.9292, 18.2357, 21.8920



42.7030, 27.1651, 31.8701



24.6229, 18.7632, 11.7762



8.6364, 8.5613, 9.5836



14.0312, 7.1300, 5.3240



0.4708, 0.2361, 0.3219

Inverse Universe

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



25.9292, 18.2357, 21.8920



42.7030, 27.1651, 31.8701



26.9147, 34.6942, 47.9261



8.6364, 8.5613, 9.5836



14.0312, 7.1300, 5.3240



0.4708, 0.2361, 0.3219

Previews

White Background



This preview shows how the XYZ color 25.9287, 18.2348, 21.8917 looks on a white background.

Color Contrast Check

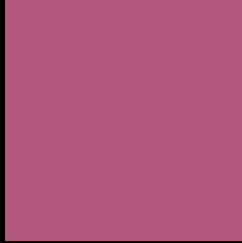
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9287, 18.2348, 21.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

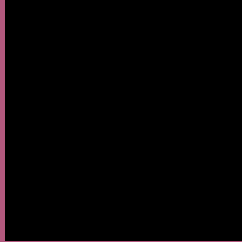
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9287, 18.2348, 21.8917

Background



This preview shows how black text looks on a background with the XYZ color 25.9287, 18.2348, 21.8917.



This preview shows how white text looks on a background with the XYZ color 25.9287, 18.2348,

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

25.9287, 18.2348, 21.8917

Protanopia

18.3225, 18.4812, 28.9871

Deuteranopia

18.6968, 18.3337, 20.9657



Tritanopia

24.4831, 18.2921, 14.5522

Trichromacy



Original Color

25.9287, 18.2348, 21.8917

Protanomaly

20.0896, 17.6399, 26.0129

Deuteranomaly

20.7618, 17.9412, 21.1076

Tritanomaly

25.0017, 18.2451, 16.9558

Monochromacy



Original Color

25.9287, 18.2348, 21.8917

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.9660, 18.0051, 20.8354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9287, 18.2348, 21.8917 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(179, 89, 126)` looks like.

```
.text, #text, p{  
    color:rgb(179, 89, 126)  
}
```

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(179, 89, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 89, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.9287, 18.2348, 21.8917 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(179, 89, 126) }
```


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

```
.border{ border-color:rgb(179, 89, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 89, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 89, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 89, 126); box-shadow:4px 4px 4px 4px rgb(179, 89, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9287, 18.2348, 21.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 89, 126) }
```

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

```
.background{ background-color: rgb(179, 89,  
126) }
```

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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