

Converting Colors

XYZ(25.6574, 18.5946, 25.4877)

Have a look what the booklet for
XYZ(25.6574, 18.5946, 25.4877)
contains.

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Color

**XYZ(25.6802, 18.6672,
25.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5E88
RGB	173, 94, 136
RGB Percent	68%, 37%, 53%
CMY	0.3216, 0.6314, 0.4667
CMYK	0.00, 0.46, 0.21, 0.32
HSL	328°, 33%, 52%
HSV	328°, 46%, 68%
XYZ	25.6802, 18.6672, 25.5422
YIQ	122.4090, 33.6020, 29.8100

Conversions

Conversions Part 2

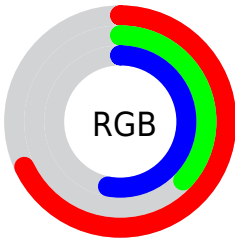
Format	Color
R_{YB}	173, 94, 136
Decimal	11361928
CIE Lab	50.30, 37.48, -9.04
CIE LCh	50, 38.558, 346.434
Yxy	18.6672, 0.3674, 0.2671
Android (android.graphics.Color)	4289552008 (0xFFAD5E88)
YUV	122.4090, 6.7004, 44.3683
Hunter-Lab	43.2056, 30.4858, -4.8071

Details

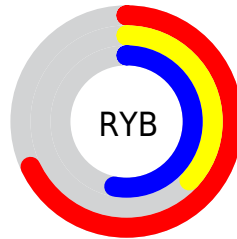
The XYZ color **25.6802, 18.6672, 25.5422** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.6572, 33.9060, 26.7719**, and the grayscale version is **18.6040, 19.5728, 21.3148**.

A 20% lighter version of the original color is **52.0973, 41.0549, 53.3227**, and **10.0516, 6.3248, 9.4951** is the 20% darker color. If you saturate the color by 10%, you get **23.7565, 15.7066, 22.1664**, and if you desaturate by 10%, it is **27.9934, 22.3365, 29.2630**.

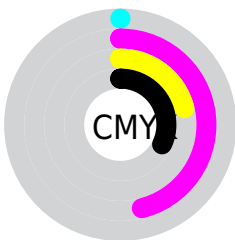
Distribution



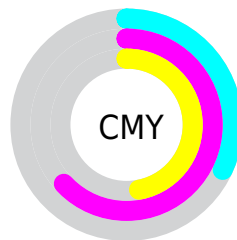
- Red (68%)
- Green (37%)
- Blue (53%)



- Red (68%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (32%)





- Cyan (32%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6802, 18.6672, 25.5422 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 25.6802, 18.6672, 25.5422 by changing the saturation by 10% instead.

 25.6802, 18.6672,
25.5422


 25.6802, 18.6672,
25.5422

273.4942,
244.6053, 294.0611


 16.7160, 11.4301,
16.2588


 52.1936, 41.1710,
53.5105


 10.1262, 6.3569,
9.5511


 70.4734, 57.2064,
73.0324

 5.5456, 3.0633,
5.0007

 92.5892, 76.9434,
96.8042

 2.6088, 1.1649,
2.1889

 118.9062,
100.7663, 125.2445

 0.9505, 0.0327,
0.6680

149.7899,
129.0596, 158.7718

 0.0000, 0.0000,
0.0000

185.6055,

162.2076, 197.8047

226.7185,
200.5947, 242.7616

■ 25.6802, 18.6672,
25.5422

■ 25.6802, 18.6672,
25.5422

■ 23.7565, 15.7066,
22.1664

■ 27.9934, 22.3365,
29.2630

■ 22.1962, 13.4050,
19.1216

■ 30.7164, 26.7546,
33.3397

■ 20.9728, 11.7106,
16.3944

■ 33.8701, 31.9616,
37.7838


■ 20.0550, 10.5623,
13.9692


■ 37.4736, 37.9940,
42.6060


■ 19.4028, 9.8823,
11.8275


■ 41.5446, 44.8860,
47.8163

 19.1642, 9.6565,
10.9724

 46.0998, 52.6699,
53.4245

 51.1554, 61.3764,
59.4398

 56.7263, 71.0345,
65.8711

 62.8272, 81.6721,
72.7271

Harmonies

Analogous

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



23.4720, 18.6672, 38.0527



25.6802, 18.6672, 25.5422



25.5614, 18.6672, 15.0440

Triad

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



25.6802, 18.6672, 25.5422



15.7873, 18.6672, 6.2914



13.2388, 18.6672, 39.1690

Complementary

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



25.6802, 18.6672, 25.5422



23.6572, 33.9060, 26.7719

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.



11.7069, 18.6672, 26.7175



25.6802, 18.6672, 25.5422



13.0308, 18.6672, 9.1896

Square

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



25.6802, 18.6672, 25.5422



19.4812, 18.6672, 6.1703



11.6366, 18.6672, 15.8722



16.1106, 18.6672, 47.5942

Rectangle

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



25.6802, 18.6672, 25.5422



24.1710, 18.6672, 10.3934



11.6366, 18.6672, 15.8722



12.5688, 18.6672, 35.1520

Sweetspot

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



25.6808, 18.6681, 25.5426



61.5247, 58.6816, 68.8515



20.8858, 15.8382, 41.4916



13.0946, 12.2933, 14.5848



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.



25.6808, 18.6681, 25.5426



42.4538, 27.9898, 39.5273



23.3776, 17.7468, 13.4143



8.1765, 8.0838, 9.2402



14.1080, 7.1057, 8.2141



0.4198, 0.2086, 0.3724

Inverse Universe

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



25.6808, 18.6681, 25.5426



42.4538, 27.9898, 39.5273



26.8507, 35.1834, 43.5885



8.1765, 8.0838, 9.2402



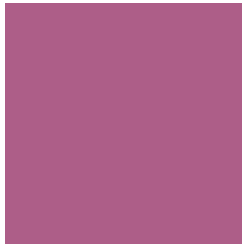
14.1080, 7.1057, 8.2141



0.4198, 0.2086, 0.3724

Previews

White Background



This preview shows how the XYZ color 25.6802, 18.6672, 25.5422 looks on a white background.

Color Contrast Check

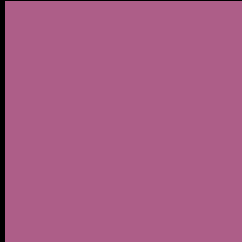
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.6802, 18.6672, 25.5422 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 25.6802, 18.6672, 25.5422

Background



This preview shows how black text looks on a background with the XYZ color 25.6802, 18.6672, 25.5422.



This preview shows how white text looks on a background with the XYZ color 25.6802, 18.6672,

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

25.6802, 18.6672, 25.5422

Protanopia

19.0287, 18.9383, 32.7895

Deuteranopia

19.1303, 18.8241, 24.4549



Tritanopia

23.7886, 18.7219, 16.2698

Trichromacy



Original Color

25.6802, 18.6672, 25.5422

Protanomaly

20.6739, 18.3268, 30.0516

Deuteranomaly

21.0300, 18.4704, 24.6470

Tritanomaly

24.4323, 18.7013, 19.4615

Monochromacy



Original Color

25.6802, 18.6672, 25.5422

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.6094, 18.7834, 22.6180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6802, 18.6672, 25.5422 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, 94, 136)` looks like.

```
.text, #text, p{  
    color:rgb(173, 94, 136)  
}
```

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, 94, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 94, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.6802, 18.6672, 25.5422 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, 94, 136) }
```


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

```
.border{ border-color:rgb(173, 94, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 94, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 94, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 94, 136); box-shadow:4px 4px 4px 4px rgb(173, 94, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6802, 18.6672, 25.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 94, 136) }
```

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

```
.background{ background-color: rgb(173, 94,  
136) }
```

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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