

Converting Colors

XYZ(25.6401, 17.7770, 19.5311)

Have a look what the booklet for
XYZ(25.6401, 17.7770, 19.5311)
contains.

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Color

**XYZ(25.7136, 17.8112,
19.5354)**

Conversions

Conversions Part 1

Format	Color
Hex	B55677
RGB	181, 86, 119
RGB Percent	71%, 34%, 47%
CMY	0.2902, 0.6627, 0.5333
CMYK	0.00, 0.52, 0.34, 0.29
HSL	339°, 39%, 52%
HSV	339°, 52%, 71%
XYZ	25.7136, 17.8112, 19.5354
YIQ	118.1670, 46.0270, 30.4030

Conversions

Conversions Part 2

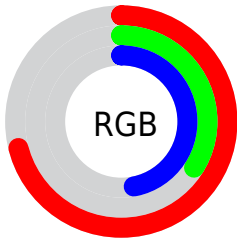
Format	Color
R_{YB}	181, 86, 119
Decimal	11884151
CIE _{Lab}	49.27, 42.06, -0.27
CIE _{LCh}	49, 42.059, 359.627
Yxy	17.8112, 0.4078, 0.2824
Android (android.graphics.Color)	4290074231 (0xFFB55677)
YUV	118.1670, 0.4107, 55.1045
Hunter-Lab	42.2033, 34.9005, 2.0977

Details

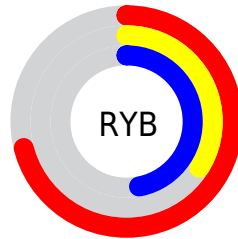
The XYZ color **25.7136, 17.8112, 19.5354** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.7078, 37.1647, 33.8375**, and the grayscale version is **17.2614, 18.1603, 19.7766**.

A 20% lighter version of the original color is **52.1799, 39.7562, 43.4516**, and **10.1668, 5.9590, 6.5756** is the 20% darker color. If you saturate the color by 10%, you get **23.7812, 15.0120, 15.6059**, and if you desaturate by 10%, it is **28.1011, 21.3792, 24.0521**.

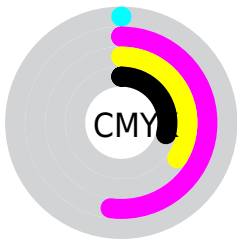
Distribution



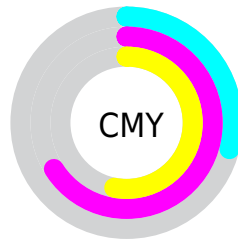
- Red (71%)
- Green (34%)
- Blue (47%)



- Red (71%)
- Yellow (34%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (29%)





- Cyan (29%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7136, 17.8112, 19.5354 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 25.7136, 17.8112, 19.5354 by changing the saturation by 10% instead.


 25.7136, 17.8112,
19.5354


 25.7136, 17.8112,
19.5354

273.6559,
239.8047, 261.9093

 16.7411, 10.8145,
11.8771


 52.2472, 39.7154,
43.4855


 10.1442, 5.9423,
6.5385


 70.5389, 55.3916,
60.6144


 5.5577, 2.8100,
3.1012

 92.6677, 74.7299,
81.7373

 2.6161, 1.0334,
1.1465

 118.9990, 98.1145,
107.2725

 0.9542, 0.0000,
0.0000

 149.8981,
125.9299, 137.6389

 0.0000, 0.0000,
0.0000

185.7304,

158.5605, 173.2547

226.8612,
196.3906, 214.5387

■ 25.7136, 17.8112,
19.5354

■ 25.7136, 17.8112,
19.5354

■ 23.7812, 15.0120,
15.6059

■ 28.1011, 21.3792,
24.0521

■ 22.2710, 12.9214,
12.2361

■ 30.9705, 25.7652,
29.1795

■ 21.1478, 11.4742,
9.3978

■ 34.3483, 31.0171,
34.9409

■ 20.3693, 10.5919,
7.0587

■ 38.2584, 37.1785,
41.3581

■ 19.9496, 10.1812,
5.5970

■ 42.7232, 44.2900,
48.4516

■ 47.7640, 52.3898,
56.2411

■ 53.4006, 61.5139,
64.7455

■ 59.6521, 71.6965,
73.9829

■ 66.5367, 82.9703,
83.9707

Harmonies

Analogous

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



24.3612, 17.8112, 32.5977



25.7136, 17.8112, 19.5354



24.4243, 17.8112, 10.5073

Triad

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



25.7136, 17.8112, 19.5354



13.4460, 17.8112, 5.9669



13.3727, 17.8112, 44.8548

Complementary

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



25.7136, 17.8112, 19.5354



25.7078, 37.1647, 33.8375

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.



11.1493, 17.8112, 32.2520



25.7136, 17.8112, 19.5354



11.1868, 17.8112, 10.3451

Square

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



25.7136, 17.8112, 19.5354



16.9785, 17.8112, 4.7630



10.4147, 17.8112, 19.2520



16.8796, 17.8112, 50.2789

Rectangle

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



25.7136, 17.8112, 19.5354



22.3392, 17.8112, 7.0962



10.4147, 17.8112, 19.2520



12.4715, 17.8112, 41.1254

Sweetspot

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



25.7141, 17.8121, 19.5357



65.7553, 62.2139, 69.5820



23.8366, 16.2654, 45.5993



13.9057, 12.9638, 14.5367



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.



25.7141, 17.8121, 19.5357



42.1186, 26.2175, 26.9377



25.3176, 19.6590, 11.2654



8.6142, 8.5524, 9.4667



13.7828, 7.0307, 4.0160



0.4619, 0.2325, 0.2749

Inverse Universe

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



25.7141, 17.8121, 19.5357



42.1186, 26.2175, 26.9377



25.9519, 32.8611, 48.6911



8.6142, 8.5524, 9.4667



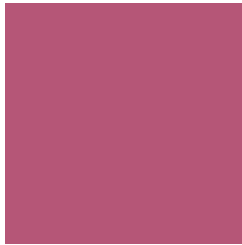
13.7828, 7.0307, 4.0160



0.4619, 0.2325, 0.2749

Previews

White Background



This preview shows how the XYZ color 25.7136, 17.8112, 19.5354 looks on a white background.

Color Contrast Check

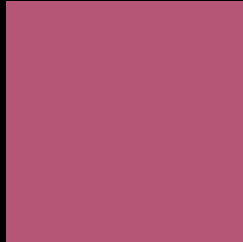
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7136, 17.8112, 19.5354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

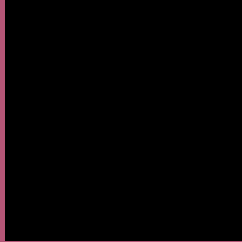
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7136, 17.8112, 19.5354

Background



This preview shows how black text looks on a background with the XYZ color 25.7136, 17.8112, 19.5354.



This preview shows how white text looks on a background with the XYZ color 25.7136, 17.8112,

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

25.7136, 17.8112, 19.5354

Protanopia

17.8882, 18.1350, 26.6023

Deuteranopia

18.3177, 18.0183, 18.7321



Tritanopia

24.4042, 17.7591, 13.4509

Trichromacy



Original Color

25.7136, 17.8112, 19.5354

Protanomaly

19.7320, 17.3500, 23.7816

Deuteranomaly

20.4971, 17.5511, 18.8304

Tritanomaly

24.9446, 17.8680, 15.4987

Monochromacy



Original Color

25.7136, 17.8112, 19.5354

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.4086, 17.2788, 19.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7136, 17.8112, 19.5354 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(181, 86, 119)` looks like.

```
.text, #text, p{  
    color:rgb(181, 86, 119)  
}
```

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(181, 86, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 86, 119) }
```

Border

The CSS property to change the border of an element to XYZ 25.7136, 17.8112, 19.5354 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(181, 86, 119) }
```


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

```
.border{ border-color:rgb(181, 86, 119) }
```

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

Here you see how a box with a 4 pixel rgb(181, 86, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 86, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 86, 119);  
box-shadow:4px 4px 4px 4px rgb(181, 86,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7136, 17.8112, 19.5354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 86, 119) }
```

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

```
.background{ background-color: rgb(181, 86,  
119) }
```

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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