

Converting Colors

XYZ(25.0631, 17.9911, 41.6868)

Have a look what the booklet for
XYZ(25.0631, 17.9911, 41.6868)
contains.

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Color

**XYZ(25.0631, 17.9911,
41.6868)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5EAD
RGB	155, 94, 173
RGB Percent	61%, 37%, 68%
CMY	0.3922, 0.6314, 0.3216
CMYK	0.10, 0.46, 0.00, 0.32
HSL	286°, 33%, 52%
HSV	286°, 46%, 68%
XYZ	25.0631, 17.9911, 41.6868
YIQ	121.2450, 10.9970, 37.5010

Conversions

Conversions Part 2

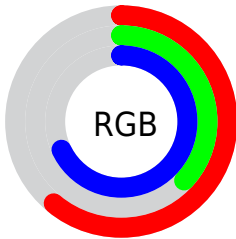
Format	Color
R_{YB}	155, 94, 173
Decimal	10182317
CIE _{Lab}	49.49, 38.36, -32.32
CIE _{LCh}	49, 50.164, 319.888
Yxy	17.9911, 0.2958, 0.2123
Android (android.graphics.Color)	4288372397 (0xFF9B5EAD)
YUV	121.2450, 25.5152, 29.6031
Hunter-Lab	42.4159, 31.2458, -28.5797

Details

The XYZ color **25.0631, 17.9911, 41.6868** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **23.6466, 34.1404, 15.9339**, and the grayscale version is **18.1713, 19.1176, 20.8191**.

A 20% lighter version of the original color is **51.2857, 40.0638, 79.1588**, and **9.8080, 6.0576, 18.4216** is the 20% darker color. If you saturate the color by 10%, you get **22.9496, 14.8685, 41.1957**, and if you desaturate by 10%, it is **27.5473, 21.8175, 42.2947**.

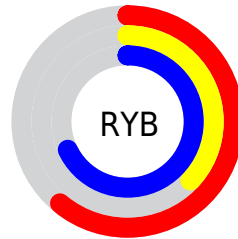
Distribution



Red (61%)

Green (37%)

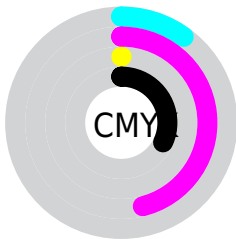
Blue (68%)



Red (61%)

Yellow (37%)

Blue (68%)

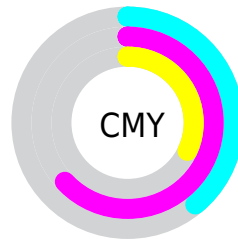


Cyan (10%)

Magenta (46%)

Yellow (0%)

Black (32%)



Cyan (39%)

Magenta (63%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0631, 17.9911, 41.6868 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 25.0631, 17.9911, 41.6868 by changing the saturation by 10% instead.

■ 25.0631, 17.9911,
41.6868

■ 25.0631, 17.9911,
41.6868

270.4939,
240.8209, 368.9442

■ 16.2531, 10.9436,
28.5324

■ 51.2017, 40.0222,
78.9904

■ 9.7954, 6.0289,
18.4848

■ 69.2610, 55.7745,
103.9766

■ 5.3247, 2.8627,
11.1256

■ 91.1341, 75.1973,
133.7438

■ 2.4757, 1.0605,
6.0361

■ 117.1863, 98.6748,
168.7106

■ 0.8830, 0.0000,
2.7979

147.7831,
126.5915, 209.2955

■ 0.0000, 0.0000,
0.9924

183.2897,

■ 0.0000, 0.0000,

159.3319, 255.9171

0.0000

224.0715,
197.2802, 308.9938

■ 25.0631, 17.9911,
41.6868

■ 25.0631, 17.9911,
41.6868

■ 22.9496, 14.8685,
41.1957

■ 27.5473, 21.8175,
42.2947

■ 21.1815, 12.4007,
40.8126

■ 30.4217, 26.3878,
43.0254

■ 19.7328, 10.5358,
40.5290

■ 33.7066, 31.7418,
43.8857

■ 18.5730, 9.2132,
40.3348

■ 37.4204, 37.9158,
44.8816

■ 17.6632, 8.3553,
40.2172

■ 41.5802, 44.9438,
46.0189

■ 17.3081, 8.0513,
40.1772

■ 46.2021, 52.8579,
47.3029

■ 51.3016, 61.6883,
48.7386

■ 56.8932, 71.4642,
50.3308

■ 62.9910, 82.2131,
52.0842

Harmonies

Analogous

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



20.3927, 17.9911, 55.8292



25.0631, 17.9911, 41.6868



27.7372, 17.9911, 24.5406

Triad

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



25.0631, 17.9911, 41.6868



18.7512, 17.9911, 3.4884



9.8797, 17.9911, 29.8815

Complementary

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



25.0631, 17.9911, 41.6868



23.6466, 34.1404, 15.9339

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.



9.6034, 17.9911, 15.3532



25.0631, 17.9911, 41.6868



14.1823, 17.9911, 3.8658

Square

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



25.0631, 17.9911, 41.6868



23.6722, 17.9911, 5.6372



11.0322, 17.9911, 7.1228



11.8730, 17.9911, 47.1116

Rectangle

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



25.0631, 17.9911, 41.6868



27.7458, 17.9911, 15.4390



11.0322, 17.9911, 7.1228



9.5992, 17.9911, 24.4236

Sweetspot

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



25.0637, 17.9919, 41.6872



61.2626, 58.3252, 78.8348



18.0017, 17.0818, 41.8837



13.0278, 12.2042, 17.0567



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.



25.0637, 17.9919, 41.6872



40.9984, 26.4803, 73.7561



26.8988, 19.1551, 31.9573



8.1559, 8.0547, 10.0775



12.7665, 5.9413, 29.5184



0.3984, 0.1876, 0.8232

Inverse Universe

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



24.1614, 18.0602, 17.5424



39.4855, 26.8024, 23.8962



22.6586, 33.5066, 21.5137



8.0772, 8.0441, 8.7174



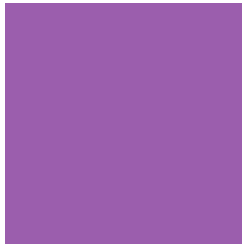
12.9534, 6.6439, 2.1342



0.3809, 0.1930, 0.1673

Previews

White Background



This preview shows how the XYZ color 25.0631, 17.9911, 41.6868 looks on a white background.

Color Contrast Check

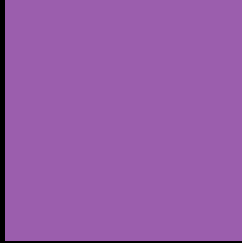
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0631, 17.9911, 41.6868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

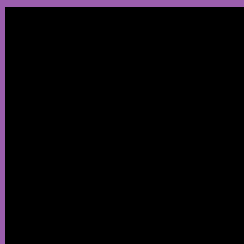
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0631, 17.9911, 41.6868

Background



This preview shows how black text looks on a background with the XYZ color 25.0631, 17.9911, 41.6868.



This preview shows how white text looks on a background with the XYZ color 25.0631, 17.9911,

41.6868.

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

25.0631, 17.9911, 41.6868

Protanopia

19.6739, 18.3271, 51.7908

Deuteranopia

18.6683, 18.2398, 40.0728



Tritanopia

20.3848, 17.9562, 18.6112

Trichromacy



Original Color

25.0631, 17.9911, 41.6868

Protanomaly

20.6964, 17.6306, 47.6596

Deuteranomaly

20.3321, 17.7615, 40.3869

Tritanomaly

21.7730, 17.7643, 25.5739

Monochromacy



Original Color

25.0631, 17.9911, 41.6868

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.0909, 18.2489, 27.2744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0631, 17.9911, 41.6868 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(155, 94, 173)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 173)  
}
```

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(155, 94, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.0631, 17.9911, 41.6868 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(155, 94, 173) }
```


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

```
.border{ border-color:rgb(155, 94, 173) }
```

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

Here you see how a box with a 4 pixel rgb(155, 94, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 173);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0631, 17.9911, 41.6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 173) }
```

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

```
.background{ background-color: rgb(155, 94,  
173) }
```

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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