

Converting Colors

XYZ(25.0095, 17.6870, 28.5105)

Have a look what the booklet for
XYZ(25.0095, 17.6870, 28.5105)
contains.

| | |
|--|----|
| XYZ(25.0524, 17.7610, 28.4934) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(25.0524, 17.7610,
28.4934)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A95A90 |
| RGB | 169, 90, 144 |
| RGB Percent | 66%, 35%, 56% |
| CMY | 0.3373, 0.6470, 0.4353 |
| CMYK | 0.00, 0.47, 0.15, 0.34 |
| HSL | 319°, 31%, 51% |
| HSV | 319°, 47%, 66% |
| XYZ | 25.0524, 17.7610, 28.4934 |
| YIQ | 119.7770, 29.7500, 33.5420 |

Conversions

Conversions Part 2

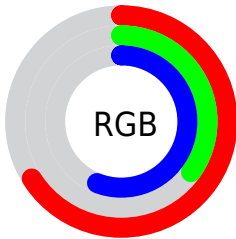
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 169, 90, 144 |
| Decimal | 11098768 |
| CIE _{Lab} | 49.20, 39.53, -15.50 |
| CIE _{LCh} | 49, 42.459, 338.584 |
| Yxy | 17.7610, 0.3513, 0.2491 |
| Android (android.graphics.Color) | 4289288848 (0xFFA95A90) |
| YUV | 119.7770, 11.9419, 43.1686 |
| Hunter-Lab | 42.1438, 32.3577, -10.5853 |

Details

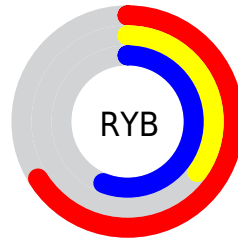
The XYZ color **25.0524, 17.7610, 28.4934** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.4997, 31.7879, 21.2236**, and the grayscale version is **17.7385, 18.6622, 20.3232**.

A 20% lighter version of the original color is **51.2301, 39.5920, 58.3680**, and **9.8494, 5.9706, 11.2230** is the 20% darker color. If you saturate the color by 10%, you get **23.3865, 15.0679, 25.9689**, and if you desaturate by 10%, it is **27.0628, 21.1117, 31.2287**.

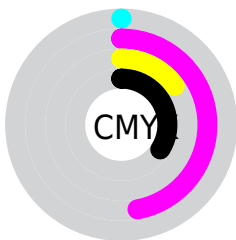
Distribution



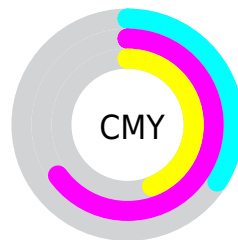
- Red (66%)
- Green (35%)
- Blue (56%)



- Red (66%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (34%)



- Cyan (34%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0524, 17.7610, 28.4934 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 25.0524, 17.7610, 28.4934 by changing the saturation by 10% instead.

■ 25.0524, 17.7610,
28.4934

■ 25.0524, 17.7610,
28.4934

270.4416,
239.5205, 308.8029

■ 16.2450, 10.7785,
18.4556

■ 51.1845, 39.6297,
58.3038

■ 9.7897, 5.9181,
11.1048

■ 69.2399, 55.2846,
78.9135

■ 5.3209, 2.7954,
6.0223

■ 91.1088, 74.5992,
103.8842

■ 2.4734, 1.0258,
2.7896

■ 117.1564, 97.9579,
133.6346

■ 0.8819, 0.0000,
0.9883

147.7482,
125.7449, 168.5831

■ 0.0000, 0.0000,
0.0000

183.2494,

158.3447, 209.1483

224.0254,
196.1418, 255.7487

■ 25.0524, 17.7610,
28.4934

■ 25.0524, 17.7610,
28.4934

■ 23.3865, 15.0679,
25.9689

■ 27.0628, 21.1117,
31.2287

■ 22.0411, 12.9852,
23.6452

■ 29.4365, 25.1579,
34.1818

■ 20.9912, 11.4635,
21.5131

■ 32.1929, 29.9376,
37.3605

■ 20.2076, 10.4447,
19.5612

■ 35.3493, 35.4852,
40.7719

■ 19.6482, 9.8450,
17.7742

■ 38.9223, 41.8331,
44.4227

■ 19.4866, 9.6848,
17.2183

■ 42.9270, 49.0118,
48.3192

■ 47.3783, 57.0500,
52.4674

■ 52.2899, 65.9753,
56.8731

■ 57.6753, 75.8138,
61.5419

Harmonies

Analogous

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



22.1164, 17.7610, 42.0208



25.0524, 17.7610, 28.4934



25.6326, 17.7610, 16.2493

Triad

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



25.0524, 17.7610, 28.4934



15.7649, 17.7610, 4.7568



11.5792, 17.7610, 36.4751

Complementary

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



25.0524, 17.7610, 28.4934



21.4997, 31.7879, 21.2236

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.



10.3900, 17.7610, 22.7968



25.0524, 17.7610, 28.4934



12.5453, 17.7610, 6.7698

Square

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



25.0524, 17.7610, 28.4934



19.8318, 17.7610, 5.2719



10.7136, 17.7610, 12.3907



14.2390, 17.7610, 47.7493

Rectangle

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



25.0524, 17.7610, 28.4934



24.5302, 17.7610, 10.6357



10.7136, 17.7610, 12.3907



11.0149, 17.7610, 31.8303

Sweetspot

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



25.0529, 17.7618, 28.4938



58.9960, 55.9615, 68.3934



17.7190, 13.7353, 39.2536



12.6149, 11.7708, 14.6376



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.0529, 17.7618, 28.4938



41.8143, 26.8755, 46.3963



22.6102, 16.7847, 15.6303



7.7394, 7.6256, 8.9446



14.5482, 7.2280, 12.9644



0.3756, 0.1845, 0.4293

Inverse Universe

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



25.0529, 17.7618, 28.4938



41.8143, 26.8755, 46.3963



24.1714, 32.8566, 35.2923



7.7394, 7.6256, 8.9446



14.5482, 7.2280, 12.9644



0.3756, 0.1845, 0.4293

Previews

White Background



This preview shows how the XYZ color 25.0524, 17.7610, 28.4934 looks on a white background.

Color Contrast Check

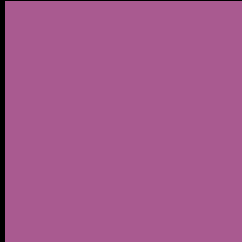
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0524, 17.7610, 28.4934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

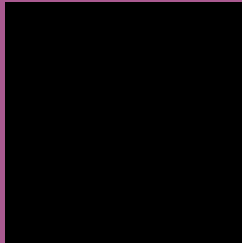
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0524, 17.7610, 28.4934

Background



This preview shows how black text looks on a background with the XYZ color 25.0524, 17.7610, 28.4934.



This preview shows how white text looks on a background with the XYZ color 25.0524, 17.7610,

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

25.0524, 17.7610, 28.4934

Protanopia

18.4498, 18.0187, 37.1559

Deuteranopia

18.3356, 18.0065, 27.3201



Tritanopia

22.4345, 17.7546, 15.6092

Trichromacy



Original Color

25.0524, 17.7610, 28.4934

Protanomaly

20.0108, 17.4277, 33.7617

Deuteranomaly

20.2783, 17.5495, 27.5179

Tritanomaly

23.1479, 17.6233, 19.6344

Monochromacy



Original Color

25.0524, 17.7610, 28.4934

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.9123, 17.9255, 23.1794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0524, 17.7610, 28.4934 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(169, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(169, 90, 144)  
}
```

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(169, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 90, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.0524, 17.7610, 28.4934 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(169, 90, 144) }
```


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

```
.border{ border-color:rgb(169, 90, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 90, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(169, 90,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0524, 17.7610, 28.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 90, 144) }
```

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

```
.background{ background-color: rgb(169, 90,  
144) }
```

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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