

Converting Colors

XYZ(24.6656, 17.9667, 24.8283)

Have a look what the booklet for
XYZ(24.6656, 17.9667, 24.8283)
contains.

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Color

**XYZ(24.5796, 17.9849,
24.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	A95D86
RGB	169, 93, 134
RGB Percent	66%, 36%, 53%
CMY	0.3373, 0.6353, 0.4745
CMYK	0.00, 0.45, 0.21, 0.34
HSL	328°, 31%, 51%
HSV	328°, 45%, 66%
XYZ	24.5796, 17.9849, 24.7302
YIQ	120.3980, 32.1350, 28.8630

Conversions

Conversions Part 2

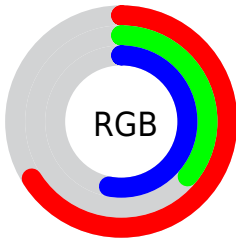
Format	Color
R_{YB}	169, 93, 134
Decimal	11099526
CIE _{Lab}	49.48, 36.32, -9.13
CIE _{LCh}	49, 37.452, 345.885
Yxy	17.9849, 0.3653, 0.2673
Android (android.graphics.Color)	4289289606 (0xFFA95D86)
YUV	120.3980, 6.7058, 42.6240
Hunter-Lab	42.4086, 29.2417, -4.8884

Details

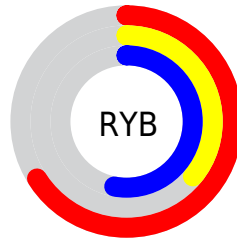
The XYZ color **24.5796, 17.9849, 24.7302** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.5992, 32.2621, 25.4596**, and the grayscale version is **17.9525, 18.8874, 20.5684**.

A 20% lighter version of the original color is **50.4591, 40.0074, 52.0764**, and **9.5343, 6.0127, 9.0456** is the 20% darker color. If you saturate the color by 10%, you get **22.7339, 15.1303, 21.5345**, and if you desaturate by 10%, it is **26.7942, 21.5128, 28.2464**.

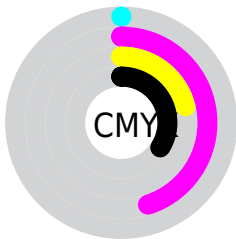
Distribution



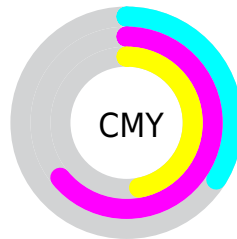
- Red (66%)
- Green (36%)
- Blue (53%)



- Red (66%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (34%)





- Cyan (34%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5796, 17.9849, 24.7302 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 24.5796, 17.9849, 24.7302 by changing the saturation by 10% instead.


 24.5796, 17.9849,
24.7302


 24.5796, 17.9849,
24.7302


268.1242,
240.7859, 289.8962


 15.8912, 10.9391,
15.6590


 50.4222, 40.0116,
52.1779


 9.5375, 6.0259,
9.1314


 68.3071, 55.7613,
71.3914

 5.1533, 2.8609,
4.7290


 89.9882, 75.1812,
94.8228

 2.3732, 1.0595,
2.0332

 115.8309, 98.6555,
122.8905

 0.8317, 0.0000,
0.5756

146.2004,
126.5688, 156.0132

 0.0000, 0.0000,
0.0000

181.4623,

159.3053, 194.6093

221.9818,
197.2496, 239.0975

■ 24.5796, 17.9849,
24.7302

■ 24.5796, 17.9849,
24.7302

■ 22.7339, 15.1303,
21.5345

■ 26.7942, 21.5128,
28.2464

■ 21.2326, 12.9024,
18.6464

■ 29.3966, 25.7514,
32.0929

■ 20.0511, 11.2527,
16.0535

■ 32.4066, 30.7385,
36.2805

■ 19.1602, 10.1243,
13.7415

■ 35.8418, 36.5082,
40.8189

■ 18.5240, 9.4474,
11.6938

■ 39.7191, 43.0929,
45.7174

■ 18.2579, 9.1933,
10.7477

■ 44.0540, 50.5229,
50.9850

■ 48.8616, 58.8268,
56.6301

■ 54.1562, 68.0322,
62.6611

■ 59.9515, 78.1653,
69.0859

Harmonies

Analogous

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



22.4601, 17.9849, 36.5232



24.5796, 17.9849, 24.7302



24.5103, 17.9849, 14.7177

Triad

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



24.5796, 17.9849, 24.7302



15.2983, 17.9849, 6.1824



12.7811, 17.9849, 37.1722

Complementary

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



24.5796, 17.9849, 24.7302



22.5992, 32.2621, 25.4596

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.



11.3487, 17.9849, 25.4160



24.5796, 17.9849, 24.7302



12.6591, 17.9849, 8.9077

Square

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



24.5796, 17.9849, 24.7302



18.8079, 17.9849, 6.1104



11.3073, 17.9849, 15.2038



15.4877, 17.9849, 45.2169

Rectangle

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



24.5796, 17.9849, 24.7302



23.2216, 17.9849, 10.2360



11.3073, 17.9849, 15.2038



12.1521, 17.9849, 33.3720

Sweetspot

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



24.5801, 17.9858, 24.7306



59.0503, 56.7417, 66.3410



19.8588, 15.2216, 39.4278



12.6003, 11.9161, 14.0948



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.



24.5801, 17.9858, 24.7306



40.7154, 27.0982, 38.5679



22.4256, 17.1239, 13.3847



7.6940, 7.6074, 8.7056



13.6347, 6.8626, 8.1538



0.3571, 0.1771, 0.3321

Inverse Universe

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



24.5801, 17.9858, 24.7306



40.7154, 27.0982, 38.5679



25.5125, 33.4274, 40.8006



7.6940, 7.6074, 8.7056



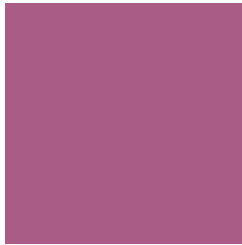
13.6347, 6.8626, 8.1538



0.3571, 0.1771, 0.3321

Previews

White Background



This preview shows how the XYZ color 24.5796, 17.9849, 24.7302 looks on a white background.

Color Contrast Check

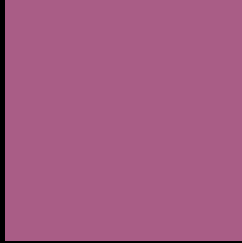
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5796, 17.9849, 24.7302 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 24.5796, 17.9849, 24.7302

Background



This preview shows how black text looks on a background with the XYZ color 24.5796, 17.9849, 24.7302.



This preview shows how white text looks on a background with the XYZ color 24.5796, 17.9849,

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

24.5796, 17.9849, 24.7302

Protanopia

18.2967, 18.2396, 31.4104

Deuteranopia

18.4722, 18.1583, 23.6504



Tritanopia

22.7892, 18.0713, 15.9227

Trichromacy



Original Color

24.5796, 17.9849, 24.7302

Protanomaly

19.7567, 17.5640, 28.7345

Deuteranomaly

20.1696, 17.7295, 23.8318

Tritanomaly

23.3634, 18.0258, 18.7709

Monochromacy



Original Color

24.5796, 17.9849, 24.7302

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.7588, 18.0358, 21.8419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5796, 17.9849, 24.7302 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, 93, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 93, 134)  
}
```

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, 93, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 93, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.5796, 17.9849, 24.7302 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, 93, 134) }
```


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

```
.border{ border-color:rgb(169, 93, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 93, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 93, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 93, 134); box-shadow:4px 4px 4px 4px rgb(169, 93, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5796, 17.9849, 24.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 93, 134) }
```

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

```
.background{ background-color: rgb(169, 93,  
134) }
```

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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