

Converting Colors

XYZ(24.9728, 17.6672, 22.5437)

Have a look what the booklet for
XYZ(24.9728, 17.6672, 22.5437)
contains.

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Color

**XYZ(24.9242, 17.7019,
22.5252)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5980
RGB	174, 89, 128
RGB Percent	68%, 35%, 50%
CMY	0.3176, 0.6510, 0.4980
CMYK	0.00, 0.49, 0.26, 0.32
HSL	332°, 34%, 52%
HSV	332°, 49%, 68%
XYZ	24.9242, 17.7019, 22.5252
YIQ	118.8610, 38.1410, 30.1490

Conversions

Conversions Part 2

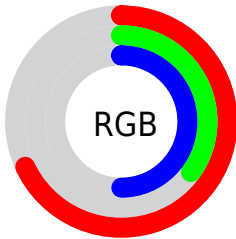
Format	Color
R_{YB}	174, 89, 128
Decimal	11426176
CIE Lab	49.13, 39.29, -5.99
CIE LCh	49, 39.745, 351.334
Yxy	17.7019, 0.3826, 0.2717
Android (android.graphics.Color)	4289616256 (0xFFAE5980)
YUV	118.8610, 4.5055, 48.3569
Hunter-Lab	42.0736, 32.1136, -2.2909

Details

The XYZ color **24.9242, 17.7019, 22.5252** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.6299, 34.1457, 28.2687**, and the grayscale version is **17.4689, 18.3786, 20.0143**.

A 20% lighter version of the original color is **50.8204, 39.3749, 48.6376**, and **9.7121, 5.8727, 8.0188** is the 20% darker color. If you saturate the color by 10%, you get **23.0523, 14.9044, 18.9838**, and if you desaturate by 10%, it is **27.1968, 21.2085, 26.4844**.

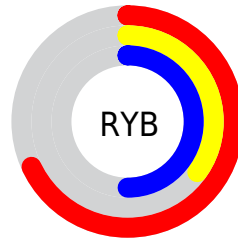
Distribution



Red (68%)

Green (35%)

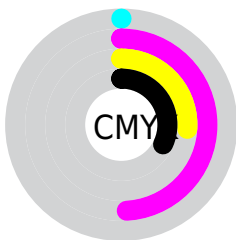
Blue (50%)



Red (68%)

Yellow (35%)

Blue (50%)

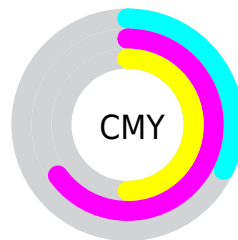


Cyan (0%)

Magenta (49%)

Yellow (26%)

Black (32%)



Cyan (32%)


Magenta (65%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9242, 17.7019, 22.5252 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 24.9242, 17.7019, 22.5252 by changing the saturation by 10% instead.


 24.9242, 17.7019,
22.5252

 24.9242, 17.7019,
22.5252


269.8148,
239.1854, 278.3193


 16.1490, 10.7362,
14.0413


 50.9780, 39.5287,
48.5258


 9.7212, 5.8897,
8.0103


 68.9873, 55.1586,
66.8796

 5.2753, 2.7781,
4.0137

 90.8054, 74.4453,
89.3604

 2.4461, 1.0170,
1.6329

 116.7977, 97.7733,
116.3869

 0.8682, 0.0000,
0.3141

147.3294,
125.5269, 148.3774

 0.0000, 0.0000,
0.0000

182.7659,

158.0905, 185.7507

223.4726,
195.8485, 228.9251

■ 24.9242, 17.7019,
22.5252

■ 24.9242, 17.7019,
22.5252

■ 23.0523, 14.9044,
18.9838

■ 27.1968, 21.2085,
26.4844

■ 21.5536, 12.7638,
15.8427

■ 29.8923, 25.4665,
30.8757

■ 20.3993, 11.2250,
13.0846

■ 33.0328, 30.5177,
35.7137

■ 19.5551, 10.2221,
10.6897


■ 36.6384, 36.4003,
41.0119


■ 18.9594, 9.6350,
8.6285


■ 40.7281, 43.1498,
46.7834

 18.8974, 9.5754,
8.4089

 45.3197, 50.7997,
53.0406

 50.4300, 59.3818,
59.7952

 56.0750, 68.9262,
67.0587

 62.2703, 79.4617,
74.8421

Harmonies

Analogous

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



23.0441, 17.7019, 35.0963



24.9242, 17.7019, 22.5252



24.3976, 17.7019, 12.7465

Triad

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



24.9242, 17.7019, 22.5252



14.3570, 17.7019, 5.8055



12.7438, 17.7019, 40.0763

Complementary

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



24.9242, 17.7019, 22.5252



23.6299, 34.1457, 28.2687

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.



11.0081, 17.7019, 27.7196



24.9242, 17.7019, 22.5252



11.8396, 17.7019, 9.1072

Square

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



24.9242, 17.7019, 22.5252



17.9249, 17.7019, 5.2960



10.7034, 17.7019, 16.3524



15.7713, 17.7019, 47.4103

Rectangle

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



24.9242, 17.7019, 22.5252



22.7813, 17.7019, 8.6714



10.7034, 17.7019, 16.3524



12.0097, 17.7019, 36.1962

Sweetspot

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



24.9247, 17.7028, 22.5255



62.1623, 59.0018, 68.1266



21.0979, 15.2975, 41.8853



13.5255, 12.6410, 14.7100



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.9247, 17.7028, 22.5255



41.4545, 26.5094, 33.7150



23.0721, 17.3463, 11.5844



8.1523, 8.0742, 9.1130



13.7356, 6.9568, 6.2533



0.4099, 0.2047, 0.3204

Inverse Universe

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



24.9247, 17.7028, 22.5255



41.4545, 26.5094, 33.7150



26.3548, 34.3691, 45.2894



8.1523, 8.0742, 9.1130



13.7356, 6.9568, 6.2533



0.4099, 0.2047, 0.3204

Previews

White Background



This preview shows how the XYZ color 24.9242, 17.7019, 22.5252 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 24.9242, 17.7019, 22.5252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

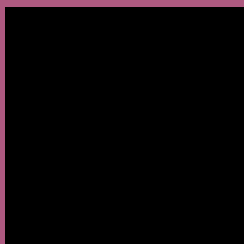
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9242, 17.7019, 22.5252

Background



This preview shows how black text looks on a background with the XYZ color 24.9242, 17.7019, 22.5252.



This preview shows how white text looks on a background with the XYZ color 24.9242, 17.7019,

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

24.9242, 17.7019, 22.5252

Protanopia

17.8641, 17.8811, 29.7040

Deuteranopia

18.2596, 17.9255, 21.5664



Tritanopia

23.1463, 17.6029, 14.4897

Trichromacy



Original Color

24.9242, 17.7019, 22.5252

Protanomaly

19.4871, 17.1587, 26.7110

Deuteranomaly

20.0809, 17.4235, 21.7067

Tritanomaly

23.7096, 17.5726, 17.1812

Monochromacy



Original Color

24.9242, 17.7019, 22.5252

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.5229, 17.6192, 20.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9242, 17.7019, 22.5252 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(174, 89, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 89, 128)  
}
```

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(174, 89, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 89, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.9242, 17.7019, 22.5252 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(174, 89, 128) }
```


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

```
.border{ border-color:rgb(174, 89, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 89, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 89, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 89, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 89,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9242, 17.7019, 22.5252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 89, 128) }
```

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

```
.background{ background-color: rgb(174, 89,  
128) }
```

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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