

Converting Colors

XYZ(24.4883, 17.6709, 36.3381)

Have a look what the booklet for
XYZ(24.4883, 17.6709, 36.3381)
contains.

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Color

**XYZ(24.5365, 17.7064,
36.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5DA2
RGB	158, 93, 162
RGB Percent	62%, 36%, 64%
CMY	0.3804, 0.6353, 0.3647
CMYK	0.02, 0.43, 0.00, 0.36
HSL	297°, 27%, 50%
HSV	297°, 43%, 64%
XYZ	24.5365, 17.7064, 36.3069
YIQ	120.3010, 16.5910, 35.2390

Conversions

Conversions Part 2

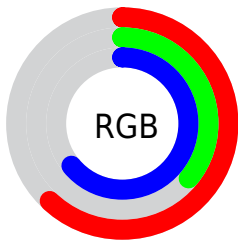
Format	Color
R_{YB}	158, 93, 162
Decimal	10378658
CIE _{Lab}	49.14, 37.60, -26.38
CIE _{LCh}	49, 45.931, 324.945
Yxy	17.7064, 0.3124, 0.2254
Android (android.graphics.Color)	4288568738 (0xFF9E5DA2)
YUV	120.3010, 20.5576, 33.0620
Hunter-Lab	42.0790, 30.4462, -21.7018

Details

The XYZ color **24.5365, 17.7064, 36.3069** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.8264, 29.1728, 14.9426**, and the grayscale version is **17.8819, 18.8132, 20.4876**.

A 20% lighter version of the original color is **50.3813, 39.5567, 70.6255**, and **9.5409, 5.9304, 15.3937** is the 20% darker color. If you saturate the color by 10%, you get **23.0786, 15.0633, 35.8738**, and if you desaturate by 10%, it is **26.2982, 20.9542, 36.8412**.

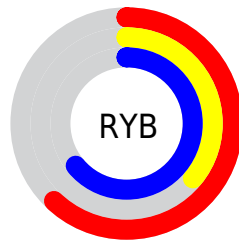
Distribution



Red (62%)

Green (36%)

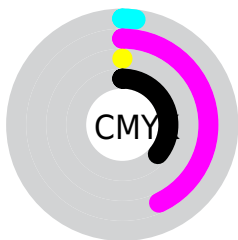
Blue (64%)



Red (62%)

Yellow (36%)

Blue (64%)

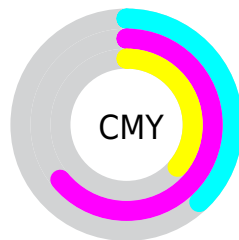


Cyan (2%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5365, 17.7064, 36.3069 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 24.5365, 17.7064, 36.3069 by changing the saturation by 10% instead.

■ 24.5365, 17.7064,
36.3069

■ 24.5365, 17.7064,
36.3069

267.9122,
239.2109, 345.3779

■ 15.8590, 10.7394,
24.3797

■ 50.3526, 39.5364,
70.6799

■ 9.5146, 5.8919,
15.4008

■ 68.2219, 55.1682,
93.9628

■ 5.1381, 2.7795,
8.9514

■ 89.8858, 74.4570,
121.8680

■ 2.3641, 1.0177,
4.6131

■ 115.7097, 97.7873,
154.8141

■ 0.8272, 0.0000,
1.9674

146.0589,
125.5435, 193.2195

■ 0.0000, 0.0000,
0.5351

181.2988,

■ 0.0000, 0.0000,

158.1099, 237.5030

0.0000

221.7948,
195.8709, 288.0829

■ 24.5365, 17.7064,
36.3069

■ 24.5365, 17.7064,
36.3069

■ 23.0786, 15.0633,
35.8738

■ 26.2982, 20.9542,
36.8412

■ 21.9035, 12.9842,
35.5345

■ 28.3795, 24.8394,
37.4814

■ 20.9904, 11.4270,
35.2820

■ 30.7971, 29.3951,
38.2333

■ 20.3149, 10.3430,
35.1084

■ 33.5661, 34.6514,
39.1020

■ 19.8479, 9.6738,
35.0038

■ 36.7005, 40.6367,
40.0920

■ 19.5851, 9.3431,
34.9538

■ 40.2139, 47.3776,
41.2080

■ 44.1189, 54.8997,
42.4541

■ 48.4276, 63.2270,
43.8343

■ 53.1516, 72.3828,
45.3526

Harmonies

Analogous

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



20.5587, 17.7064, 49.6638



24.5365, 17.7064, 36.3069



26.4703, 17.7064, 21.4395

Triad

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



24.5365, 17.7064, 36.3069



17.5677, 17.7064, 4.0123



10.3963, 17.7064, 31.0753

Complementary

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



24.5365, 17.7064, 36.3069



19.8264, 29.1728, 14.9426

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.



9.8699, 17.7064, 17.2692



24.5365, 17.7064, 36.3069



13.5808, 17.7064, 4.8017

Square

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



24.5365, 17.7064, 36.3069



22.0330, 17.7064, 5.6749



10.9332, 17.7064, 8.6345



12.5172, 17.7064, 45.8492

Rectangle

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



24.5365, 17.7064, 36.3069



26.1373, 17.7064, 13.7997



10.9332, 17.7064, 8.6345



10.0442, 17.7064, 26.0456

Sweetspot

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



24.5371, 17.7072, 36.3073



55.6023, 52.7829, 69.3137



15.3668, 13.5973, 35.9973



12.2688, 11.4406, 15.4991



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.5371, 17.7072, 36.3073



42.0461, 27.6130, 65.1699



22.9869, 17.1795, 23.9708



7.3236, 7.1812, 8.9032



15.4421, 7.3672, 27.5379



0.3358, 0.1607, 0.5792

Inverse Universe

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



20.9728, 16.3738, 13.3650



34.7842, 24.9122, 17.7171



21.0040, 29.5958, 23.3123



7.0896, 7.0923, 7.4585



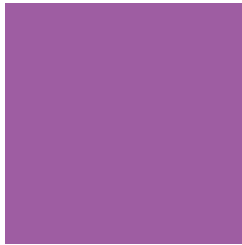
11.7850, 6.0701, 0.7924



0.2523, 0.1294, 0.0414

Previews

White Background



This preview shows how the XYZ color 24.5365, 17.7064, 36.3069 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 24.5365, 17.7064, 36.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

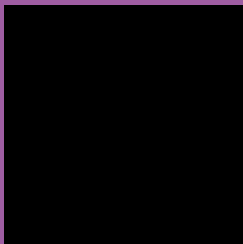
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5365, 17.7064, 36.3069

Background



This preview shows how black text looks on a background with the XYZ color 24.5365, 17.7064, 36.3069.



This preview shows how white text looks on a background with the XYZ color 24.5365, 17.7064,

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

24.5365, 17.7064, 36.3069

Protanopia

18.9850, 17.9364, 45.6415

Deuteranopia

18.2461, 17.7943, 34.8207



Tritanopia

20.6374, 17.6498, 17.6483

Trichromacy



Original Color

24.5365, 17.7064, 36.3069

Protanomaly

20.1366, 17.3144, 41.8159

Deuteranomaly

19.9732, 17.3786, 35.1026

Tritanomaly

21.9129, 17.5961, 23.3605

Monochromacy



Original Color

24.5365, 17.7064, 36.3069

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.7806, 17.9695, 25.3476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5365, 17.7064, 36.3069 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(158, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 93, 162)  
}
```

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(158, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 93, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.5365, 17.7064, 36.3069 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(158, 93, 162) }
```


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

```
.border{ border-color:rgb(158, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 93,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5365, 17.7064, 36.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 93, 162) }
```

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

```
.background{ background-color: rgb(158, 93,  
162) }
```

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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