

Converting Colors

XYZ(24.6106, 17.5279, 34.4339)

Have a look what the booklet for
XYZ(24.6106, 17.5279, 34.4339)
contains.

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Color

**XYZ(24.6106, 17.5279,
34.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	A15B9E
RGB	161, 91, 158
RGB Percent	63%, 36%, 62%
CMY	0.3686, 0.6431, 0.3804
CMYK	0.00, 0.43, 0.02, 0.37
HSL	303°, 28%, 49%
HSV	303°, 43%, 63%
XYZ	24.6106, 17.5279, 34.4338
YIQ	119.5680, 20.2130, 35.6770

Conversions

Conversions Part 2

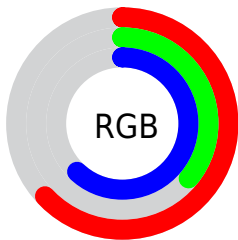
Format	Color
R _Y B	161, 91, 158
Decimal	10574750
CIE Lab	48.92, 38.87, -24.33
CIE LCh	49, 45.855, 327.951
Yxy	17.5279, 0.3214, 0.2289
Android (android.graphics.Color)	4288764830 (0xFFA15B9E)
YUV	119.5680, 18.9470, 36.3359
Hunter-Lab	41.8663, 31.6629, -19.4578

Details

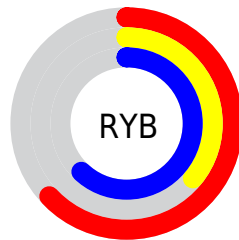
The XYZ color **24.6106, 17.5279, 34.4338** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0804, 28.5227, 15.0906**, and the grayscale version is **17.6525, 18.5718, 20.2247**.

A 20% lighter version of the original color is **50.4480, 39.2007, 67.8584**, and **9.5788, 5.8146, 14.2531** is the 20% darker color. If you saturate the color by 10%, you get **23.3201, 15.0412, 33.7115**, and if you desaturate by 10%, it is **26.1979, 20.6068, 35.2570**.

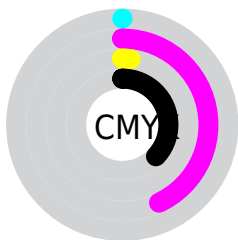
Distribution



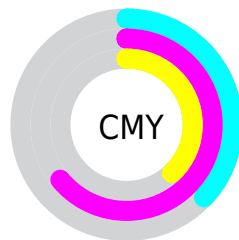
- Red (63%)
- Green (36%)
- Blue (62%)



- Red (63%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (37%)



- Cyan (37%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6106, 17.5279, 34.4338 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 24.6106, 17.5279, 34.4338 by changing the saturation by 10% instead.

■ 24.6106, 17.5279,
34.4338

■ 24.6106, 17.5279,
34.4338

268.2767,
238.1964, 336.8901

■ 15.9144, 10.6116,
22.9470

■ 50.4723, 39.2312,
67.7493

■ 9.5540, 5.8063,
14.3494

■ 68.3684, 54.7870,
90.4151

■ 5.1643, 2.7277,
8.2226

■ 90.0618, 73.9914,
117.6442

■ 2.3797, 0.9913,
4.1479

■ 115.9180, 97.2288,
149.8553

■ 0.8350, 0.0000,
1.7068

146.3022,
124.8836, 187.4669

■ 0.0000, 0.0000,
0.3654

181.5798,

■ 0.0000, 0.0000,

157.3402, 230.8976

0.0000

222.1162,
194.9830, 280.5658

■ 24.6106, 17.5279,
34.4338

■ 24.6106, 17.5279,
34.4338

■ 23.3201, 15.0412,
33.7115

■ 26.1979, 20.6068,
35.2570

■ 22.3055, 13.1063,
33.0826

■ 28.0976, 24.3103,
36.1859

■ 21.5461, 11.6814,
32.5405

■ 30.3263, 28.6712,
37.2260

■ 21.0176, 10.7176,
32.0770

■ 32.8989, 33.7195,
38.3824

■ 20.6908, 10.1567,
31.6823

■ 35.8295, 39.4832,
39.6599

■ 20.5392, 9.9136,
31.4462

■ 39.1312, 45.9886,
41.0627

■ 42.8167, 53.2610,
42.5950

■ 46.8979, 61.3243,
44.2610

■ 51.3863, 70.2014,
46.0643

Harmonies

Analogous

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



20.8010, 17.5279, 48.2079



24.6106, 17.5279, 34.4338



26.2583, 17.5279, 19.9359

Triad

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



24.6106, 17.5279, 34.4338



16.9543, 17.5279, 3.9312



10.4217, 17.5279, 32.3255

Complementary

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



24.6106, 17.5279, 34.4338



19.0804, 28.5227, 15.0906

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.



9.7420, 17.5279, 18.2585



24.6106, 17.5279, 34.4338



13.1082, 17.5279, 4.9588

Square

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



24.6106, 17.5279, 34.4338



21.3947, 17.5279, 5.3081



10.6373, 17.5279, 9.1478



12.6806, 17.5279, 46.6690

Rectangle

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



24.6106, 17.5279, 34.4338



25.7291, 17.5279, 12.7300



10.6373, 17.5279, 9.1478



10.0198, 17.5279, 27.2654

Sweetspot

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



24.6112, 17.5287, 34.4342



54.4109, 51.5427, 66.7134



14.7230, 12.4009, 35.3363



11.7383, 10.9224, 14.5418



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.6112, 17.5287, 34.4342



41.8672, 27.1357, 60.4342



22.0568, 16.5069, 20.9830



7.3512, 7.1969, 8.8356



16.4077, 7.9192, 25.1355



0.3485, 0.1679, 0.5478

Inverse Universe

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



24.6112, 17.5287, 34.4342



41.8672, 27.1357, 60.4342



20.9783, 29.2818, 25.0844



7.3512, 7.1969, 8.8356



16.4077, 7.9192, 25.1355



0.3485, 0.1679, 0.5478

Previews

White Background



This preview shows how the XYZ color 24.6106, 17.5279, 34.4338 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 24.6106, 17.5279, 34.4338 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 24.6106, 17.5279, 34.4338

Background



This preview shows how black text looks on a background with the XYZ color 24.6106, 17.5279, 34.4338.



This preview shows how white text looks on a background with the XYZ color 24.6106, 17.5279,

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

24.6106, 17.5279, 34.4338

Protanopia

18.7859, 17.8687, 44.0539

Deuteranopia

18.1478, 17.7827, 33.0478



Tritanopia

21.0293, 17.5754, 16.7520

Trichromacy



Original Color

24.6106, 17.5279, 34.4338

Protanomaly

20.0175, 17.1323, 40.2820

Deuteranomaly

19.8228, 17.1867, 33.2829

Tritanomaly

22.1031, 17.4358, 22.2792

Monochromacy



Original Color

24.6106, 17.5279, 34.4338

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.7634, 17.8094, 24.9502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6106, 17.5279, 34.4338 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(161, 91, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 91, 158)  
}
```

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(161, 91, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 91, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.6106, 17.5279, 34.4338 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(161, 91, 158) }
```


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

```
.border{ border-color:rgb(161, 91, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 91, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 91, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 91, 158);  
box-shadow:4px 4px 4px 4px rgb(161, 91,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6106, 17.5279, 34.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 91, 158) }
```

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

```
.background{ background-color: rgb(161, 91,  
158) }
```

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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