

Converting Colors

XYZ(24.0146, 17.5834, 30.7316)

Have a look what the booklet for
XYZ(24.0146, 17.5834, 30.7316)
contains.

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Color

**XYZ(24.0371, 17.5757,
30.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	A15D95
RGB	161, 93, 149
RGB Percent	63%, 36%, 58%
CMY	0.3686, 0.6353, 0.4157
CMYK	0.00, 0.42, 0.07, 0.37
HSL	311°, 27%, 50%
HSV	311°, 42%, 63%
XYZ	24.0371, 17.5757, 30.5593
YIQ	119.7160, 22.5520, 31.8320

Conversions

Conversions Part 2

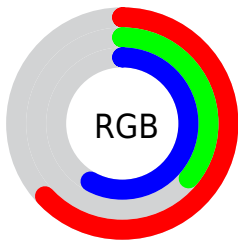
Format	Color
R_{YB}	161, 93, 149
Decimal	10575253
CIE _{Lab}	48.98, 36.12, -18.92
CIE _{LCh}	49, 40.771, 332.358
Yxy	17.5757, 0.3331, 0.2435
Android (android.graphics.Color)	4288765333 (0xFFA15D95)
YUV	119.7160, 14.4370, 36.2061
Hunter-Lab	41.9234, 28.9785, -13.8720

Details

The XYZ color **24.0371, 17.5757, 30.5593** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.8096, 28.8374, 17.8879**, and the grayscale version is **17.7129, 18.6353, 20.2939**.

A 20% lighter version of the original color is **49.5202, 39.3143, 61.4783**, and **9.2896, 5.8714, 12.1989** is the 20% darker color. If you saturate the color by 10%, you get **22.5460, 14.9518, 28.9567**, and if you desaturate by 10%, it is **25.8324, 20.7985, 32.2909**.

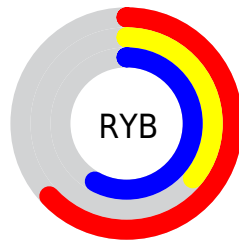
Distribution



Red (63%)

Green (36%)

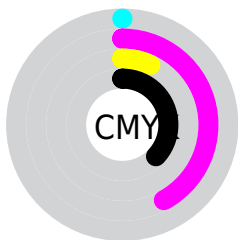
Blue (58%)



Red (63%)

Yellow (36%)

Blue (58%)

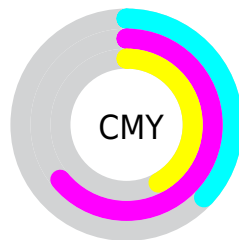


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0371, 17.5757, 30.5593 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 24.0371, 17.5757, 30.5593 by changing the saturation by 10% instead.

■ 24.0371, 17.5757,
30.5593

■ 24.0371, 17.5757,
30.5593

265.4450,
238.4685, 318.7909

■ 15.4860, 10.6458,
20.0079

■ 49.5450, 39.3130,
61.6170

■ 9.2497, 5.8292,
12.2166

■ 67.2325, 54.8892,
82.9603

■ 4.9628, 2.7415,
6.7671

■ 88.6962, 74.1162,
108.7380

■ 2.2600, 0.9983,
3.2406

■ 114.3014, 97.3785,
139.3686

■ 0.7741, 0.0000,
1.2188

144.4136,
125.0605, 175.2706

■ 0.0000, 0.0000,
0.0000

179.3980,

157.5466, 216.8627

219.6200,
195.2211, 264.5633

■ 24.0371, 17.5757,
30.5593

■ 24.0371, 17.5757,
30.5593

■ 22.5460, 14.9518,
28.9567

■ 25.8324, 20.7985,
32.2909

■ 21.3384, 12.8865,
27.4757

■ 27.9474, 24.6521,
34.1564

■ 20.3941, 11.3389,
26.1092

■ 30.3986, 29.1690,
36.1617

■ 19.6889, 10.2610,
24.8493

■ 33.2008, 34.3790,
38.3118

■ 19.1944, 9.5959,
23.6861

■ 36.3681, 40.3099,
40.6117

■ 18.9032, 9.2592,
22.8318

■ 39.9134, 46.9879,
43.0658

■ 43.8495, 54.4381,
45.6786

■ 48.1882, 62.6842,
48.4542

■ 52.9409, 71.7492,
51.3966

Harmonies

Analogous

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



20.9218, 17.5757, 42.7678



24.0371, 17.5757, 30.5593



25.1060, 17.5757, 18.2903

Triad

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



24.0371, 17.5757, 30.5593



16.4069, 17.5757, 4.9320



11.2693, 17.5757, 32.6386

Complementary

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



24.0371, 17.5757, 30.5593



19.8096, 28.8374, 17.8879

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.



10.4248, 17.5757, 20.0094



24.0371, 17.5757, 30.5593



13.0970, 17.5757, 6.3575

Square

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



24.0371, 17.5757, 30.5593



20.3236, 17.5757, 5.9540



11.0401, 17.5757, 10.9880



13.5439, 17.5757, 44.2539

Rectangle

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



24.0371, 17.5757, 30.5593



24.4012, 17.5757, 12.2388



11.0401, 17.5757, 10.9880



10.8258, 17.5757, 28.2355

Sweetspot

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



24.0377, 17.5765, 30.5597



53.9692, 51.3660, 64.3874



16.0959, 13.3659, 35.4501



11.6265, 10.8777, 13.9529



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.



24.0377, 17.5765, 30.5597



40.4443, 26.8931, 51.9349



21.7460, 16.6598, 18.4919



7.3104, 7.1806, 8.6211



15.1107, 7.4003, 18.3054



0.3308, 0.1608, 0.4544

Inverse Universe

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



24.0377, 17.5765, 30.5597



40.4443, 26.8931, 51.9349



21.8714, 29.6621, 28.7448



7.3104, 7.1806, 8.6211



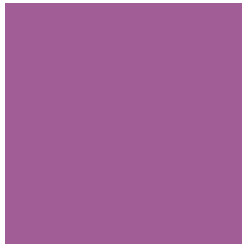
15.1107, 7.4003, 18.3054



0.3308, 0.1608, 0.4544

Previews

White Background



This preview shows how the XYZ color 24.0371, 17.5757, 30.5593 looks on a white background.

Color Contrast Check

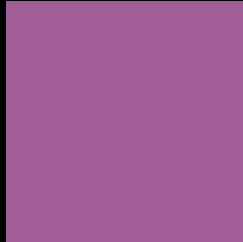
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0371, 17.5757, 30.5593 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 24.0371, 17.5757, 30.5593

Background



This preview shows how black text looks on a background with the XYZ color 24.0371, 17.5757, 30.5593.



This preview shows how white text looks on a background with the XYZ color 24.0371, 17.5757,

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

24.0371, 17.5757, 30.5593

Protanopia

18.3805, 17.7813, 38.5398

Deuteranopia

18.0676, 17.6564, 29.2438



Tritanopia

21.1243, 17.4794, 16.7285

Trichromacy



Original Color

24.0371, 17.5757, 30.5593

Protanomaly

19.7712, 17.2644, 35.5480

Deuteranomaly

19.7024, 17.2087, 29.4773

Tritanomaly

22.1063, 17.4597, 21.2737

Monochromacy



Original Color

24.0371, 17.5757, 30.5593

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.6643, 17.9415, 23.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0371, 17.5757, 30.5593 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, 93, 149)` looks like.

```
.text, #text, p{  
    color:rgb(161, 93, 149)  
}
```

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, 93, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 93, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.0371, 17.5757, 30.5593 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, 93, 149) }
```


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

```
.border{ border-color:rgb(161, 93, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 93, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 93, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 93, 149);  
box-shadow:4px 4px 4px 4px rgb(161, 93,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0371, 17.5757, 30.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 93, 149) }
```

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

```
.background{ background-color: rgb(161, 93,  
149) }
```

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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