

Converting Colors

XYZ(24.6792, 18.4570, 19.6624)

Have a look what the booklet for
XYZ(24.6792, 18.4570, 19.6624)
contains.

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Color

**XYZ(24.6556, 18.4006,
19.7049)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5F77
RGB	173, 95, 119
RGB Percent	68%, 37%, 47%
CMY	0.3216, 0.6274, 0.5333
CMYK	0.00, 0.45, 0.31, 0.32
HSL	342°, 32%, 53%
HSV	342°, 45%, 68%
XYZ	24.6556, 18.4006, 19.7049
YIQ	121.0580, 38.7840, 24.0000

Conversions

Conversions Part 2

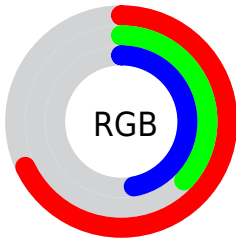
Format	Color
R _Y B	173, 95, 119
Decimal	11362167
CIE Lab	49.98, 34.49, 0.63
CIE LCh	50, 34.497, 1.044
Yxy	18.4006, 0.3928, 0.2932
Android (android.graphics.Color)	4289552247 (0xFFAD5F77)
YUV	121.0580, -1.0146, 45.5531
Hunter-Lab	42.8959, 27.5299, 2.7914

Details

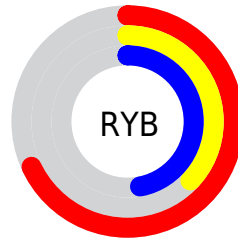
The XYZ color **24.6556, 18.4006, 19.7049** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0887, 34.4905, 33.7708**, and the grayscale version is **18.1876, 19.1348, 20.8378**.

A 20% lighter version of the original color is **50.4175, 40.6307, 43.7133**, and **9.5469, 6.1833, 6.6515** is the 20% darker color. If you saturate the color by 10%, you get **22.5922, 15.3532, 15.6890**, and if you desaturate by 10%, it is **27.1568, 22.1781, 24.3144**.

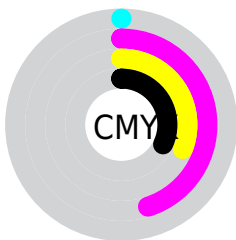
Distribution



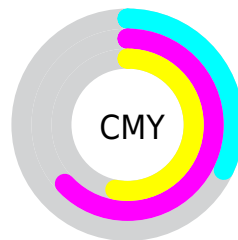
- Red (68%)
- Green (37%)
- Blue (47%)



- Red (68%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (32%)



- Cyan (32%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6556, 18.4006, 19.7049 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 24.6556, 18.4006, 19.7049 by changing the saturation by 10% instead.

■ 24.6556, 18.4006,
19.7049

■ 24.6556, 18.4006,
19.7049

268.4978,
243.1194, 262.8642

■ 15.9480, 11.2380,
11.9988

■ 50.5449, 40.7188,
43.7743

■ 9.5780, 6.2271,
6.6203

■ 68.4573, 56.6431,
60.9747

■ 5.1802, 2.9837,
3.1510

■ 90.1687, 76.2568,
82.1769

■ 2.3892, 1.1232,
1.1722

■ 116.0444, 99.9442,
107.7995

■ 0.8397, 0.0000,
0.0000

146.4498,
128.0898, 138.2609

■ 0.0000, 0.0000,
0.0000

181.7503,

161.0780, 173.9799

222.3112,
199.2930, 215.3748

■ 24.6556, 18.4006,
19.7049

■ 24.6556, 18.4006,
19.7049

■ 22.5922, 15.3532,
15.6890

■ 27.1568, 22.1781,
24.3144

■ 20.9384, 12.9856,
12.2402

■ 30.1184, 26.7265,
29.5403

■ 19.6653, 11.2452,
9.3314


■ 33.5634, 32.0865,
35.4053


■ 18.7390, 10.0705,
6.9326


■ 37.5127, 38.2954,
41.9307


■ 18.1183, 9.3858,
5.0097


■ 41.9858, 45.3880,
49.1366

 17.8814, 9.1434,
4.2177

 47.0015, 53.3972,
57.0425

 52.5774, 62.3543,
65.6668

 58.7302, 72.2889,
75.0275

 65.4762, 83.2296,
85.1417

Harmonies

Analogous

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



23.6700, 18.4006, 30.2187



24.6556, 18.4006, 19.7049



23.5285, 18.4006, 12.0288

Triad

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



24.6556, 18.4006, 19.7049



14.4081, 18.4006, 8.1246



14.5853, 18.4006, 40.5902

Complementary

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



24.6556, 18.4006, 19.7049



25.0887, 34.4905, 33.7708

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.



12.5834, 18.4006, 30.9815



24.6556, 18.4006, 19.7049



12.4905, 18.4006, 12.4427

Square

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



24.6556, 18.4006, 19.7049



17.3735, 18.4006, 6.7780



11.8664, 18.4006, 20.3690



17.6054, 18.4006, 44.3437

Rectangle

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



24.6556, 18.4006, 19.7049



21.8037, 18.4006, 8.9408



11.8664, 18.4006, 20.3690



13.7851, 18.4006, 37.8145

Sweetspot

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



24.6561, 18.4015, 19.7053



60.6688, 58.3392, 64.3440



23.9029, 17.5265, 41.6585



12.8848, 12.2095, 13.4805



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.6561, 18.4015, 19.7053



40.5081, 27.5648, 28.1919



24.8006, 20.7129, 13.5185



8.1029, 8.0544, 8.8528



13.1595, 6.7263, 3.2192



0.3909, 0.1970, 0.2202

Inverse Universe

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



24.6561, 18.4015, 19.7053



40.5081, 27.5648, 28.1919



24.6095, 30.1439, 44.0566



8.1029, 8.0544, 8.8528



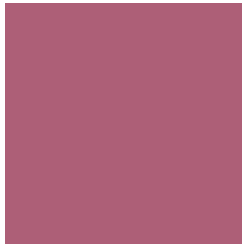
13.1595, 6.7263, 3.2192



0.3909, 0.1970, 0.2202

Previews

White Background



This preview shows how the XYZ color 24.6556, 18.4006, 19.7049 looks on a white background.

Color Contrast Check

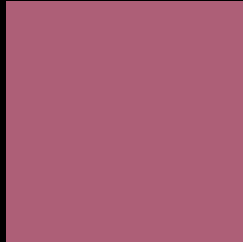
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 24.6556, 18.4006, 19.7049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

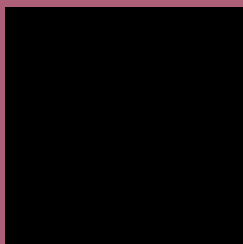
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6556, 18.4006, 19.7049

Background



This preview shows how black text looks on a background with the XYZ color 24.6556, 18.4006, 19.7049.



This preview shows how white text looks on a background with the XYZ color 24.6556, 18.4006,

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

24.6556, 18.4006, 19.7049

Protanopia

18.1666, 18.6690, 24.8363

Deuteranopia

18.7988, 18.4280, 19.0891



Tritanopia

23.9307, 18.5259, 15.6792

Trichromacy



Original Color

24.6556, 18.4006, 19.7049

Protanomaly

19.7887, 18.0287, 22.8590

Deuteranomaly

20.6061, 18.2125, 19.2589

Tritanomaly

24.1024, 18.4458, 17.0419

Monochromacy



Original Color

24.6556, 18.4006, 19.7049

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.9996, 18.5199, 20.2899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6556, 18.4006, 19.7049 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(173, 95, 119)` looks like.

```
.text, #text, p{  
  color:rgb(173, 95, 119)  
}
```

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(173, 95, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 95, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.6556, 18.4006, 19.7049 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(173, 95, 119) }
```


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

```
.border{ border-color:rgb(173, 95, 119) }
```

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

Here you see how a box with a 4 pixel rgb(173, 95, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 95, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 95, 119);  
box-shadow:4px 4px 4px 4px rgb(173, 95,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6556, 18.4006, 19.7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 95, 119) }
```

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

```
.background{ background-color: rgb(173, 95,  
119) }
```

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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