

Converting Colors

XYZ(24.9255, 18.4391, 20.0548)

Have a look what the booklet for
XYZ(24.9255, 18.4391, 20.0548)
contains.

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Color

**XYZ(24.8484, 18.3601,
20.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5E78
RGB	174, 94, 120
RGB Percent	68%, 37%, 47%
CMY	0.3176, 0.6314, 0.5294
CMYK	0.00, 0.46, 0.31, 0.32
HSL	341°, 33%, 53%
HSV	341°, 46%, 68%
XYZ	24.8484, 18.3601, 20.0035
YIQ	120.8840, 39.3340, 25.0460

Conversions

Conversions Part 2

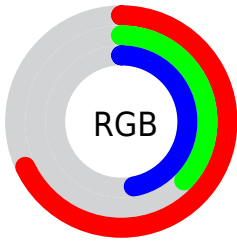
Format	Color
R_{YB}	174, 94, 120
Decimal	11427448
CIE Lab	49.93, 35.53, -0.02
CIE LCh	50, 35.529, 359.962
Yxy	18.3601, 0.3931, 0.2905
Android (android.graphics.Color)	4289617528 (0xFFAE5E78)
YUV	120.8840, -0.4358, 46.5827
Hunter-Lab	42.8487, 28.5288, 2.3151

Details

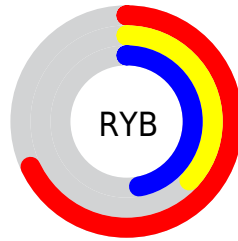
The XYZ color **24.8484, 18.3601, 20.0035** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.0983, 34.7903, 33.4111**, and the grayscale version is **18.1295, 19.0736, 20.7711**.

A 20% lighter version of the original color is **50.6803, 40.5253, 44.1807**, and **9.6781, 6.1912, 6.8158** is the 20% darker color. If you saturate the color by 10%, you get **22.8023, 15.3394, 16.0176**, and if you desaturate by 10%, it is **27.3318, 22.1151, 24.5669**.

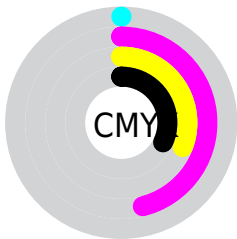
Distribution



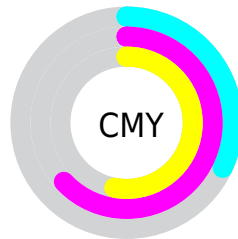
- Red (68%)
- Green (37%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (32%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8484, 18.3601, 20.0035 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 24.8484, 18.3601, 20.0035 by changing the saturation by 10% instead.

 24.8484, 18.3601,
20.0035


 24.8484, 18.3601,
20.0035


269.4437,
242.8930, 264.5389


 16.0923, 11.2088,
12.2135


 50.8558, 40.6500,
44.2821


 9.6807, 6.2075,
6.7649


 68.8379, 56.5574,
61.6078

 5.2484, 2.9716,
3.2393

 90.6259, 76.1523,
82.9491

 2.4300, 1.1169,
1.2181

 116.5853, 99.8190,
108.7245

 0.8601, 0.0000,
0.0000

147.0814,
127.9421, 139.3527

 0.0000, 0.0000,
0.0000

182.4796,

160.9059, 175.2521

223.1453,
199.0947, 216.8414

■ 24.8484, 18.3601,
20.0035

■ 24.8484, 18.3601,
20.0035

■ 22.8023, 15.3394,
16.0176

■ 27.3318, 22.1151,
24.5669

■ 21.1650, 13.0016,
12.5838

■ 30.2754, 26.6459,
29.7298

■ 19.9070, 11.2929,
9.6758


■ 33.7024, 31.9942,
35.5141


■ 18.9938, 10.1500,
7.2646


■ 37.6339, 38.1977,
41.9403

■ 18.3813, 9.4906,
5.3166

■ 42.0897, 45.2921,
49.0279

 18.1828, 9.2896,
4.6463

 47.0885, 53.3106,
56.7954

 52.6482, 62.2851,
65.2609

 58.7857, 72.2458,
74.4415

 65.5172, 83.2215,
84.3538

Harmonies

Analogous

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



23.7523, 18.3601, 30.9191



24.8484, 18.3601, 20.0035



23.7576, 18.3601, 12.0146

Triad

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



24.8484, 18.3601, 20.0035



14.3817, 18.3601, 7.7517



14.3751, 18.3601, 41.0054

Complementary

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



24.8484, 18.3601, 20.0035



25.0983, 34.7903, 33.4111

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.



12.3722, 18.3601, 30.8902



24.8484, 18.3601, 20.0035



12.3757, 18.3601, 11.9992

Square

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



24.8484, 18.3601, 20.0035



17.4551, 18.3601, 6.4944



11.6897, 18.3601, 19.9786



17.4464, 18.3601, 45.2056

Rectangle

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



24.8484, 18.3601, 20.0035



22.0090, 18.3601, 8.7998



11.6897, 18.3601, 19.9786



13.5697, 18.3601, 38.0509

Sweetspot

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



24.8489, 18.3610, 20.0039



62.2978, 59.8644, 66.3475



23.7359, 17.2963, 42.1320



13.5291, 12.8071, 14.2209



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.



24.8489, 18.3610, 20.0039



41.3612, 27.8244, 29.0546



24.7691, 20.3928, 13.2215



8.1085, 8.0567, 8.8824



13.2127, 6.7476, 3.4998



0.3931, 0.1979, 0.2316

Inverse Universe

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



24.8489, 18.3610, 20.0039



41.3612, 27.8244, 29.0546



24.9434, 30.8096, 44.6767



8.1085, 8.0567, 8.8824



13.2127, 6.7476, 3.4998



0.3931, 0.1979, 0.2316

Previews

White Background



This preview shows how the XYZ color 24.8484, 18.3601, 20.0035 looks on a white background.

Color Contrast Check

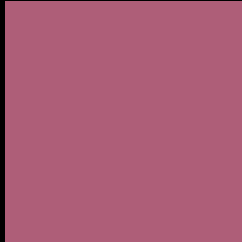
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8484, 18.3601, 20.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

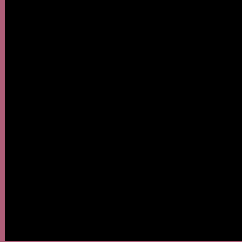
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8484, 18.3601, 20.0035

Background



This preview shows how black text looks on a background with the XYZ color 24.8484, 18.3601, 20.0035.



This preview shows how white text looks on a background with the XYZ color 24.8484, 18.3601,

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

24.8484, 18.3601, 20.0035

Protanopia

18.1877, 18.4880, 25.5316

Deuteranopia

18.7988, 18.4280, 19.0891



Tritanopia

24.0070, 18.4331, 15.3893

Trichromacy



Original Color

24.8484, 18.3601, 20.0035

Protanomaly

19.9791, 17.9523, 23.5312

Deuteranomaly

20.5012, 18.0028, 19.2240

Tritanomaly

24.2309, 18.3758, 17.0216

Monochromacy



Original Color

24.8484, 18.3601, 20.0035

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.9508, 18.3248, 20.5747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8484, 18.3601, 20.0035 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, 94, 120)` looks like.

```
.text, #text, p{  
    color:rgb(174, 94, 120)  
}
```

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, 94, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 94, 120) }
```

Border

The CSS property to change the border of an element to XYZ 24.8484, 18.3601, 20.0035 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, 94, 120) }
```


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

```
.border{ border-color:rgb(174, 94, 120) }
```

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

Here you see how a box with a 4 pixel rgb(174, 94, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 94, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 94, 120);  
box-shadow:4px 4px 4px 4px rgb(174, 94,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8484, 18.3601, 20.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 94, 120) }
```

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

```
.background{ background-color: rgb(174, 94,  
120) }
```

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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