

Converting Colors

XYZ(24.1510, 18.1987, 21.6423)

Have a look what the booklet for
XYZ(24.1510, 18.1987, 21.6423)
contains.

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Color

**XYZ(24.2467, 18.2814,
21.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	A9607D
RGB	169, 96, 125
RGB Percent	66%, 38%, 49%
CMY	0.3373, 0.6235, 0.5098
CMYK	0.00, 0.43, 0.26, 0.34
HSL	336°, 30%, 52%
HSV	336°, 43%, 66%
XYZ	24.2467, 18.2814, 21.6528
YIQ	121.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

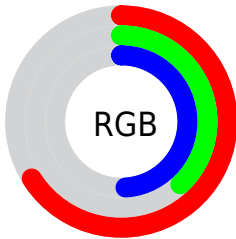
Format	Color
R_{YB}	169, 96, 125
Decimal	11100285
CIE Lab	49.84, 33.33, -3.23
CIE LCh	50, 33.490, 354.467
Yxy	18.2814, 0.3778, 0.2848
Android (android.graphics.Color)	4289290365 (0xFFA9607D)
YUV	121.1330, 1.9064, 41.9794
Hunter-Lab	42.7568, 26.4003, -0.0958

Details

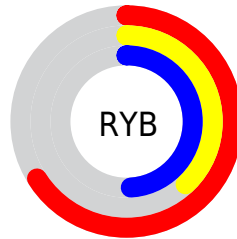
The XYZ color **24.2467, 18.2814, 21.6528** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.7462, 32.7566, 29.8835**, and the grayscale version is **18.2037, 19.1517, 20.8562**.

A 20% lighter version of the original color is **49.9898, 40.5629, 47.3142**, and **9.3913, 6.1997, 7.5392** is the 20% darker color. If you saturate the color by 10%, you get **22.2496, 15.2756, 17.9394**, and if you desaturate by 10%, it is **26.6431, 21.9785, 25.8290**.

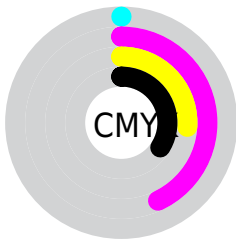
Distribution



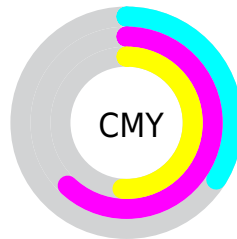
- Red (66%)
- Green (38%)
- Blue (49%)



- Red (66%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (34%)



- Cyan (34%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2467, 18.2814, 21.6528 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 24.2467, 18.2814, 21.6528 by changing the saturation by 10% instead.

■ 24.2467, 18.2814,
21.6528

■ 24.2467, 18.2814,
21.6528

266.4827,
242.4524, 273.6218

■ 15.6425, 11.1522,
13.4061

■ 49.8842, 40.5162,
47.0663

■ 9.3607, 6.1693,
7.5748

■ 67.6482, 56.3907,
65.0702

■ 5.0362, 2.9483,
3.7403

■ 89.1962, 75.9490,
87.1636

■ 2.3035, 1.1048,
1.4840

■ 114.8934, 99.5756,
113.7650

■ 0.7965, 0.0000,
0.2059

145.1054,
127.6548, 145.2930

■ 0.0000, 0.0000,
0.0000

180.1973,

160.5711, 182.1661

220.5347,
198.7088, 224.8029

■ 24.2467, 18.2814,
21.6528

■ 24.2467, 18.2814,
21.6528

■ 22.2496, 15.2756,
17.9394

■ 26.6431, 21.9785,
25.8290

■ 20.6267, 12.9148,
14.6700

■ 29.4586, 26.4042,
30.4835

■ 19.3525, 11.1512,
11.8260


■ 32.7137, 31.5962,
35.6324


■ 18.3973, 9.9289,
9.3865


■ 36.4268, 37.5886,
41.2907


■ 17.7260, 9.1814,
7.3283


■ 40.6155, 44.4137,
47.4724

 17.3793, 8.8419,
6.1217

 45.2963, 52.1019,
54.1914

 50.4849, 60.6821,
61.4606

 56.1963, 70.1818,
69.2929

 62.4448, 80.6274,
77.7003

Harmonies

Analogous

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



22.8785, 18.2814, 32.0009



24.2467, 18.2814, 21.6528



23.5985, 18.2814, 13.4635

Triad

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



24.2467, 18.2814, 21.6528



14.9504, 18.2814, 7.7898



14.0402, 18.2814, 37.9613

Complementary

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



24.2467, 18.2814, 21.6528



23.7462, 32.7566, 29.8835

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.



12.3564, 18.2814, 28.1306



24.2467, 18.2814, 21.6528



12.8350, 18.2814, 11.3213

Square

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



24.2467, 18.2814, 21.6528



17.9758, 18.2814, 7.0145



11.9437, 18.2814, 18.2545



16.7895, 18.2814, 43.0962

Rectangle

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



24.2467, 18.2814, 21.6528



22.1464, 18.2814, 9.9384



11.9437, 18.2814, 18.2545



13.3450, 18.2814, 34.9739

Sweetspot

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



24.2472, 18.2823, 21.6532



58.5634, 56.5469, 63.7770



22.1266, 16.7894, 39.6107



12.4790, 11.8675, 13.4562



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2472, 18.2823, 21.6532



39.9327, 27.4838, 32.2926



23.3543, 19.0407, 13.5117



7.6499, 7.5898, 8.4738



12.9776, 6.5998, 4.6937



0.3411, 0.1707, 0.2477

Inverse Universe

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



24.2472, 18.2823, 21.6532



39.9327, 27.4838, 32.2926



24.8534, 31.0869, 42.2267



7.6499, 7.5898, 8.4738



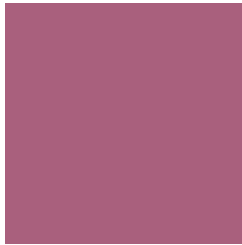
12.9776, 6.5998, 4.6937



0.3411, 0.1707, 0.2477

Previews

White Background



This preview shows how the XYZ color 24.2467, 18.2814, 21.6528 looks on a white background.

Color Contrast Check

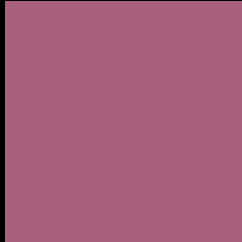
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2467, 18.2814, 21.6528 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 24.2467, 18.2814, 21.6528

Background



This preview shows how black text looks on a background with the XYZ color 24.2467, 18.2814, 21.6528.



This preview shows how white text looks on a background with the XYZ color 24.2467, 18.2814,

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

24.2467, 18.2814, 21.6528

Protanopia

18.2089, 18.4658, 27.0306

Deuteranopia

18.6968, 18.3337, 20.9657



Tritanopia

23.0520, 18.2007, 16.2080

Trichromacy



Original Color

24.2467, 18.2814, 21.6528

Protanomaly

19.8707, 18.0240, 24.9859

Deuteranomaly

20.4393, 18.0845, 21.1523

Tritanomaly

23.5534, 18.2751, 18.2056

Monochromacy



Original Color

24.2467, 18.2814, 21.6528

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.7883, 18.3968, 20.9203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2467, 18.2814, 21.6528 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(169, 96, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 96, 125)  
}
```

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(169, 96, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 96, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.2467, 18.2814, 21.6528 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(169, 96, 125) }
```


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

```
.border{ border-color:rgb(169, 96, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 96, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 96, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 96, 125);  
box-shadow:4px 4px 4px 4px rgb(169, 96,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2467, 18.2814, 21.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 96, 125) }
```

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

```
.background{ background-color: rgb(169, 96,  
125) }
```

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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