

Converting Colors

XYZ(24.3980, 20.6197, 19.4981)

Have a look what the booklet for
XYZ(24.3980, 20.6197, 19.4981)
contains.

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Color

**XYZ(24.4124, 20.6526,
19.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	A56F75
RGB	165, 111, 117
RGB Percent	65%, 44%, 46%
CMY	0.3529, 0.5647, 0.5412
CMYK	0.00, 0.33, 0.29, 0.35
HSL	353°, 23%, 54%
HSV	353°, 33%, 65%
XYZ	24.4124, 20.6526, 19.5293
YIQ	127.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

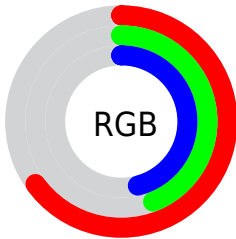
Format	Color
RYB	165, 111, 117
Decimal	10841973
CIELab	52.57, 22.28, 5.43
CIELCh	53, 22.933, 13.693
Yxy	20.6526, 0.3779, 0.3197
Android (android.graphics.Color)	4289032053 (0xFFA56F75)
YUV	127.8300, -5.3392, 32.5981
Hunter-Lab	45.4451, 16.3584, 6.3327

Details

The XYZ color **24.4124, 20.6526, 19.5293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2696, 32.7935, 37.7479**, and the grayscale version is **20.4700, 21.5360, 23.4527**.

A 20% lighter version of the original color is **50.0774, 44.4311, 43.4728**, and **9.4789, 7.3197, 6.5435** is the 20% darker color. If you saturate the color by 10%, you get **21.9796, 17.0607, 14.7918**, and if you desaturate by 10%, it is **27.3140, 24.9656, 25.0903**.

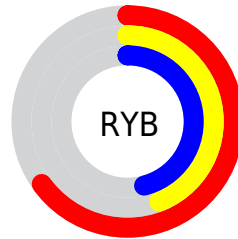
Distribution



Red (65%)

Green (44%)

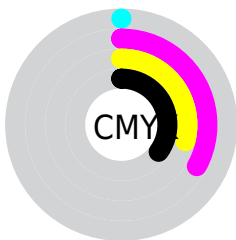
Blue (46%)



Red (65%)

Yellow (44%)

Blue (46%)

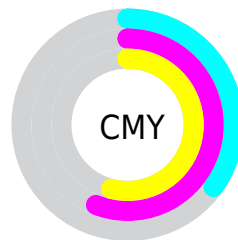


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (35%)



Cyan (35%)


Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4124, 20.6526, 19.5293 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 24.4124, 20.6526, 19.5293 by changing the saturation by 10% instead.


 24.4124, 20.6526,
19.5293


 24.4124, 20.6526,
19.5293


267.3008,
255.4265, 261.8748


 15.7662, 12.8703,
11.8727


 50.1521, 44.5086,
43.4751


 9.4487, 7.3393,
6.5356


 67.9764, 61.3512,
60.6015

 5.0944, 3.6752,
3.0994

 89.5907, 81.9826,
81.7214

 2.3381, 1.4936,
1.1456

 115.3605,
106.7873, 107.2536

 0.8140, 0.2842,
0.0000

145.6510,
136.1496, 137.6164

 0.0000, 0.0000,
0.0000

180.8277,

170.4540, 173.2286

221.2558,
210.0848, 214.5085

■ 24.4124, 20.6526,
19.5293

■ 24.4124, 20.6526,
19.5293

■ 21.9796, 17.0607,
14.7918

■ 27.3140, 24.9656,
25.0903

■ 19.9894, 14.1478,
10.8373

■ 30.7055, 30.0330,
31.5100

■ 18.4154, 11.8720,
7.6239


■ 34.6089, 35.8896,
38.8233


■ 17.2278, 10.1853,
5.1051


■ 39.0441, 42.5670,
47.0625


■ 16.3927, 9.0333,
3.2294


■ 44.0302, 50.0953,
56.2585

 15.8703, 8.3511,
1.9375

 49.5851, 58.5029,
66.4406

 15.6290, 8.0441,
1.3152

 55.7261, 67.8170,
77.6372

 62.4696, 78.0635,
89.8751

 68.3775, 86.3595,
102.6956

Harmonies

Analogous

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



24.3501, 20.6526, 26.3654



24.4124, 20.6526, 19.5293



23.1225, 20.6526, 14.6042

Triad

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



24.4124, 20.6526, 19.5293



16.6393, 20.6526, 14.2900



18.3744, 20.6526, 37.5311

Complementary

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



24.4124, 20.6526, 19.5293



26.2696, 32.7935, 37.7479

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.



16.5076, 20.6526, 32.7930



24.4124, 20.6526, 19.5293



15.5625, 20.6526, 19.0092

Square

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



24.4124, 20.6526, 19.5293



18.5677, 20.6526, 12.0183



15.5164, 20.6526, 25.7296



20.7314, 20.6526, 37.7488

Rectangle

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



24.4124, 20.6526, 19.5293



21.7252, 20.6526, 12.6776



15.5164, 20.6526, 25.7296



17.6734, 20.6526, 36.3768

Sweetspot

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



24.4130, 20.6536, 19.5297



56.6796, 56.3163, 59.6067



26.7153, 21.4268, 38.3252



12.1966, 12.0201, 12.6654



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.4130, 20.6536, 19.5297



40.5901, 32.3599, 28.8942



26.5976, 25.5692, 18.5737



7.1043, 7.0982, 7.5355



11.8334, 6.0894, 1.0475



0.2575, 0.1315, 0.0687

Inverse Universe

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



24.4130, 20.6536, 19.5297



40.5901, 32.3599, 28.8942



23.3667, 26.1345, 39.4103



7.1043, 7.0982, 7.5355



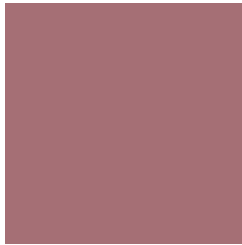
11.8334, 6.0894, 1.0475



0.2575, 0.1315, 0.0687

Previews

White Background



This preview shows how the XYZ color 24.4124, 20.6526, 19.5293 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 24.4124, 20.6526, 19.5293 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 24.4124, 20.6526, 19.5293

Background



This preview shows how black text looks on a background with the XYZ color 24.4124, 20.6526, 19.5293.



This preview shows how white text looks on a background with the XYZ color 24.4124, 20.6526,

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

24.4124, 20.6526, 19.5293

Protanopia

19.9374, 20.7371, 22.3539

Deuteranopia

21.0872, 20.6633, 19.0967



Tritanopia

24.5313, 20.7001, 20.1553

Trichromacy



Original Color

24.4124, 20.6526, 19.5293

Protanomaly

21.2138, 20.5008, 21.2513

Deuteranomaly

22.0914, 20.4676, 19.3093

Tritanomaly

24.4715, 20.6762, 19.8407

Monochromacy



Original Color

24.4124, 20.6526, 19.5293

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5821, 21.0370, 21.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4124, 20.6526, 19.5293 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(165, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(165, 111, 117)  
}
```

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(165, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 111, 117) }
```

Border

The CSS property to change the border of an element to XYZ 24.4124, 20.6526, 19.5293 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(165, 111, 117) }
```


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

```
.border{ border-color:rgb(165, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(165, 111,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4124, 20.6526, 19.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 111, 117) }
```

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

```
.background{ background-color: rgb(165,  
111, 117) }
```

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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