

Converting Colors

XYZ(24.0668, 19.7058, 18.8575)

Have a look what the booklet for
XYZ(24.0668, 19.7058, 18.8575)
contains.

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Color

**XYZ(23.9744, 19.6529,
18.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	A66A73
RGB	166, 106, 115
RGB Percent	65%, 42%, 45%
CMY	0.3490, 0.5843, 0.5490
CMYK	0.00, 0.36, 0.31, 0.35
HSL	351°, 25%, 53%
HSV	351°, 36%, 65%
XYZ	23.9744, 19.6529, 18.7494
YIQ	124.9660, 32.8710, 15.5190

Conversions

Conversions Part 2

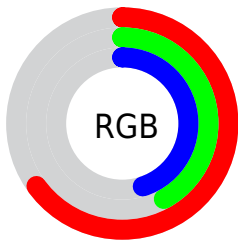
Format	Color
R_{YB}	166, 106, 115
Decimal	10906227
CIE _{Lab}	51.44, 25.22, 5.01
CIE _{LCh}	51, 25.710, 11.241
Yxy	19.6529, 0.3843, 0.3151
Android (android.graphics.Color)	4289096307 (0xFFA66A73)
YUV	124.9660, -4.9132, 35.9868
Hunter-Lab	44.3316, 18.9520, 5.9563

Details

The XYZ color **23.9744, 19.6529, 18.7494** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.6668, 32.7713, 36.8728**, and the grayscale version is **19.4903, 20.5053, 22.3303**.

A 20% lighter version of the original color is **49.3261, 42.7733, 42.2155**, and **9.1583, 6.7762, 6.1354** is the 20% darker color. If you saturate the color by 10%, you get **21.6756, 16.2567, 14.2790**, and if you desaturate by 10%, it is **26.7298, 23.7630, 23.9857**.

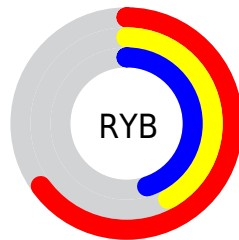
Distribution



Red (65%)

Green (42%)

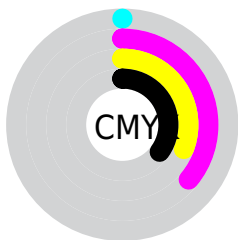
Blue (45%)



Red (65%)

Yellow (42%)

Blue (45%)

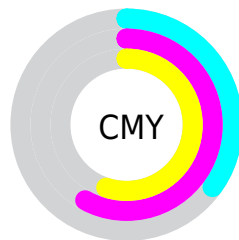


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (35%)



Cyan (35%)


Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9744, 19.6529, 18.7494 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 23.9744, 19.6529, 18.7494 by changing the saturation by 10% instead.


 23.9744, 19.6529,
18.7494


 23.9744, 19.6529,
18.7494


265.1339,
250.0298, 257.4383


 15.4393, 12.1430,
11.3144

 49.4434, 42.8345,
42.1413


 9.2166, 6.8411,
6.1619


 67.1080, 59.2749,
58.9352

 4.9409, 3.3629,
2.8734

 88.5464, 79.4610,
79.6858

 2.2471, 1.3240,
1.0303

 114.1241,
103.7771, 104.8116

 0.7674, 0.1597,
0.0000

144.2063,
132.6077, 134.7312

 0.0000, 0.0000,
0.0000

179.1584,

166.3370, 169.8632

219.3458,
205.3496, 210.6260

■ 23.9744, 19.6529,
18.7494

■ 23.9744, 19.6529,
18.7494

■ 21.6756, 16.2567,
14.2790

■ 26.7298, 23.7630,
23.9857

■ 19.8069, 13.5310,
10.5373

■ 29.9630, 28.6215,
30.0203

■ 18.3416, 11.4319,
7.4856


■ 33.6959, 34.2642,
36.8854


■ 17.2494, 9.9092,
5.0812


■ 37.9487, 40.7236,
44.6108


■ 16.4954, 8.9052,
3.2765


■ 42.7402, 48.0305,
53.2250

 16.0340, 8.3415,
2.0158

 48.0885, 56.2140,
62.7551

 15.9002, 8.1767,
1.6538

 54.0107, 65.3020,
73.2271

 60.5233, 75.3209,
84.6658

 67.5127, 86.0377,
97.0523

Harmonies

Analogous

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



23.7763, 19.6529, 26.2957



23.9744, 19.6529, 18.7494



22.6596, 19.6529, 13.3393

Triad

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



23.9744, 19.6529, 18.7494



15.5991, 19.6529, 12.4017



17.1305, 19.6529, 37.8487

Complementary

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



23.9744, 19.6529, 18.7494



25.6668, 32.7713, 36.8728

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.



15.1951, 19.6529, 32.1857



23.9744, 19.6529, 18.7494



14.3687, 19.6529, 17.1508

Square

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



23.9744, 19.6529, 18.7494



17.7300, 19.6529, 10.2778



14.2279, 19.6529, 24.2864



19.6623, 19.6529, 38.5577

Rectangle

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



23.9744, 19.6529, 18.7494



21.1670, 19.6529, 11.2116



14.2279, 19.6529, 24.2864



16.3950, 19.6529, 36.4094

Sweetspot

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



23.9749, 19.6538, 18.7498



57.6094, 56.8200, 60.4440



25.9422, 20.2304, 38.6139



12.6975, 12.4215, 13.1683



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.



23.9749, 19.6538, 18.7498



40.2450, 30.8368, 27.6949



25.9174, 24.3272, 16.9666



7.5753, 7.5600, 8.0805



12.3412, 6.3452, 1.3423



0.3135, 0.1597, 0.1021

Inverse Universe

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



23.9749, 19.6538, 18.7498



40.2450, 30.8368, 27.6949



22.9530, 26.0689, 39.8984



7.5753, 7.5600, 8.0805



12.3412, 6.3452, 1.3423



0.3135, 0.1597, 0.1021

Previews

White Background



This preview shows how the XYZ color 23.9744, 19.6529, 18.7494 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 23.9744, 19.6529, 18.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

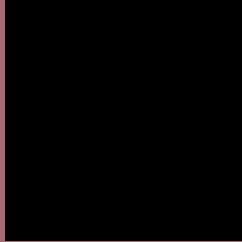
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9744, 19.6529, 18.7494

Background



This preview shows how black text looks on a background with the XYZ color 23.9744, 19.6529, 18.7494.



This preview shows how white text looks on a background with the XYZ color 23.9744, 19.6529,

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

23.9744, 19.6529, 18.7494

Protanopia

19.0551, 19.7343, 21.8736

Deuteranopia

20.2249, 19.8749, 18.3930



Tritanopia

23.9172, 19.6300, 18.4480

Trichromacy



Original Color

23.9744, 19.6529, 18.7494

Protanomaly

20.5118, 19.4467, 20.7617

Deuteranomaly

21.4490, 19.6391, 18.5798

Tritanomaly

23.9172, 19.6300, 18.4480

Monochromacy



Original Color

23.9744, 19.6529, 18.7494

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.7448, 19.9128, 20.8393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9744, 19.6529, 18.7494 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(166, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(166, 106, 115)  
}
```

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(166, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 106, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.9744, 19.6529, 18.7494 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(166, 106, 115) }
```


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

```
.border{ border-color:rgb(166, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(166, 106,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9744, 19.6529, 18.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 106, 115) }
```

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

```
.background{ background-color: rgb(166,  
106, 115) }
```

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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