

Converting Colors

XYZ(27.3595, 25.2681, 23.6859)

Have a look what the booklet for
XYZ(27.3595, 25.2681, 23.6859)
contains.

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Color

**XYZ(27.4724, 25.3660,
23.8703)**

Conversions

Conversions Part 1

Format	Color
Hex	A68180
RGB	166, 129, 128
RGB Percent	65%, 51%, 50%
CMY	0.3490, 0.4941, 0.4980
CMYK	0.00, 0.22, 0.23, 0.35
HSL	2°, 18%, 58%
HSV	2°, 23%, 65%
XYZ	27.4724, 25.3660, 23.8703
YIQ	139.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

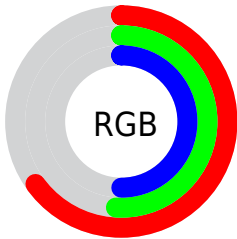
Format	Color
RYB	166, 129, 128
Decimal	10912128
CIELab	57.43, 14.08, 6.01
CIELCh	57, 15.308, 23.112
Yxy	25.3660, 0.3581, 0.3307
Android (android.graphics.Color)	4289102208 (0xFFA68180)
YUV	139.9490, -5.8909, 22.8467
Hunter-Lab	50.3647, 9.2282, 7.1548

Details

The XYZ color **27.4724, 25.3660, 23.8703** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2398, 34.2517, 41.1466**, and the grayscale version is **24.9241, 26.2221, 28.5558**.

A 20% lighter version of the original color is **55.1926, 52.3217, 50.9062**, and **11.0900, 9.8125, 8.7066** is the 20% darker color. If you saturate the color by 10%, you get **24.5049, 21.0387, 17.9243**, and if you desaturate by 10%, it is **30.9568, 30.4406, 30.8711**.

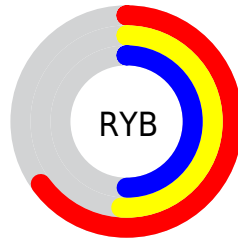
Distribution



Red (65%)

Green (51%)

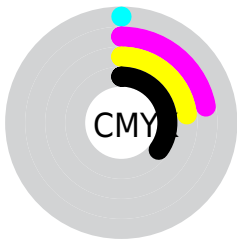
Blue (50%)



Red (65%)

Yellow (51%)

Blue (50%)

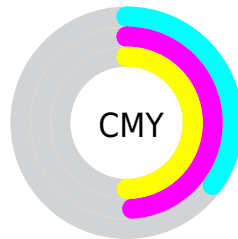


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4724, 25.3660, 23.8703 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 27.4724, 25.3660, 23.8703 by changing the saturation by 10% instead.

 27.4724, 25.3660,
23.8703


 27.4724, 25.3660,
23.8703


282.0632,
279.6558, 285.4295


 18.0667, 16.3499,
15.0261


 55.0555, 52.2504,
50.7596

 11.0979, 9.7721,
8.6909


 73.9638, 70.8875,
69.6419

 6.2005, 5.2481,
4.4461


 96.7702, 93.5004,
92.7072

 3.0092, 2.3936,
1.8731

123.8402,
120.4735, 120.3742

 1.1586, 0.8226,
0.4755

155.5392,
152.1912, 153.0614

 0.0733, 0.0000,
0.0000

192.2324,

 0.0000, 0.0000,

189.0379, 191.1873

0.0000

234.2853,
231.3979, 235.1705

■ 27.4724, 25.3660,
23.8703

■ 27.4724, 25.3660,
23.8703

■ 24.5049, 21.0387,
17.9243

■ 30.9568, 30.4406,
30.8711

■ 22.0277, 17.4201,
12.9805

■ 34.9789, 36.2918,
38.9727

■ 20.0151, 14.4735,
8.9843

■ 39.5609, 42.9515,
48.2203

■ 18.4381, 12.1576,
5.8751

■ 44.7230, 50.4487,
58.6559

■ 17.2645, 10.4264,
3.5853

■ 50.4845, 58.8113,
70.3197

■ 16.4578, 9.2276,
2.0376

■ 56.8638, 68.0655,
83.2498

■ 15.9745, 8.4999,
1.1402

■ 63.8786, 78.2368,
97.4827

■ 15.7735, 8.2021,
0.7518

■ 69.5359, 86.8470,
107.7060

Harmonies

Analogous

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



27.7521, 25.3660, 28.8384



27.4724, 25.3660, 23.8703



26.2710, 25.3660, 20.3561

Triad

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



27.4724, 25.3660, 23.8703



21.4185, 25.3660, 22.0313



23.6925, 25.3660, 38.8076

Complementary

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



27.4724, 25.3660, 23.8703



29.2398, 34.2517, 41.1466

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.



22.0701, 25.3660, 36.4324



27.4724, 25.3660, 23.8703



20.8007, 25.3660, 26.4350

Square

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



27.4724, 25.3660, 23.8703



22.7624, 25.3660, 19.3913



21.0331, 25.3660, 31.7415



25.5090, 25.3660, 37.8968

Rectangle

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



27.4724, 25.3660, 23.8703



25.1402, 25.3660, 19.0989



21.0331, 25.3660, 31.7415



23.1076, 25.3660, 38.3580

Sweetspot

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



27.4731, 25.3672, 23.8708



60.2671, 61.1884, 64.2493



30.2702, 26.2756, 39.2489



13.3943, 13.5584, 14.1917



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.



27.4731, 25.3672, 23.8708



47.2635, 42.2526, 38.1150



30.1549, 30.7307, 24.7647



7.5464, 7.5728, 7.8532



12.2370, 6.3713, 0.5848



0.3025, 0.1646, 0.0158

Inverse Universe

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



29.2398, 34.2517, 41.1466



50.9900, 60.9944, 74.5609



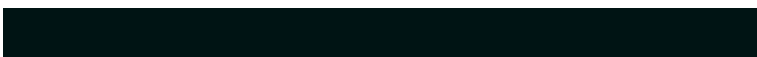
26.1208, 28.0137, 40.1070



7.7303, 8.4976, 9.6511



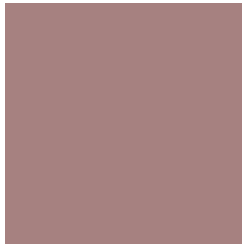
15.3100, 22.0802, 31.4305



0.3776, 0.5474, 0.7664

Previews

White Background



This preview shows how the XYZ color 27.4724, 25.3660, 23.8703 looks on a white background.

Color Contrast Check

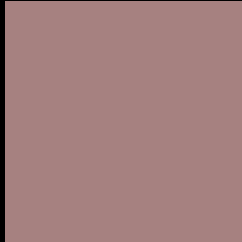
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4724, 25.3660, 23.8703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

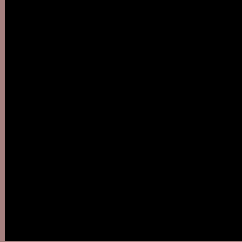
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4724, 25.3660, 23.8703

Background



This preview shows how black text looks on a background with the XYZ color 27.4724, 25.3660, 23.8703.



This preview shows how white text looks on a background with the XYZ color 27.4724, 25.3660,

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

27.4724, 25.3660, 23.8703

Protanopia

24.4774, 25.6212, 25.8456

Deuteranopia

25.9286, 25.3753, 23.6100



Tritanopia

28.1709, 25.4600, 27.0964

Trichromacy



Original Color

27.4724, 25.3660, 23.8703

Protanomaly

25.5232, 25.5459, 25.0584

Deuteranomaly

26.5792, 25.5084, 23.6014

Tritanomaly

27.9586, 25.3751, 25.9786

Monochromacy



Original Color

27.4724, 25.3660, 23.8703

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6425, 25.7755, 26.9162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4724, 25.3660, 23.8703 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, 129, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 128)  
}
```

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, 129, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.4724, 25.3660, 23.8703 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, 129, 128) }
```


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

```
.border{ border-color:rgb(166, 129, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 129, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4724, 25.3660, 23.8703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 128) }
```

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

```
.background{ background-color: rgb(166,  
129, 128) }
```

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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