

Converting Colors

XYZ(27.4765, 26.1119, 23.5061)

Have a look what the booklet for
XYZ(27.4765, 26.1119, 23.5061)
contains.

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Color

**XYZ(27.5281, 26.1999,
23.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	A4857F
RGB	164, 133, 127
RGB Percent	64%, 52%, 50%
CMY	0.3569, 0.4784, 0.5020
CMYK	0.00, 0.19, 0.23, 0.36
HSL	10°, 17%, 57%
HSV	10°, 23%, 64%
XYZ	27.5281, 26.1999, 23.6849
YIQ	141.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

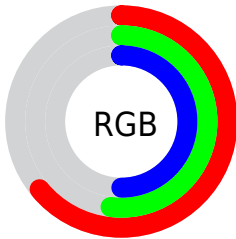
Format	Color
R_{YB}	164, 134, 127
Decimal	10782079
CIE _{Lab}	58.23, 10.87, 7.69
CIE _{LCh}	58, 13.319, 35.288
Yxy	26.1999, 0.3556, 0.3384
Android (android.graphics.Color)	4288972159 (0xFFA4857F)
YUV	141.5850, -7.1904, 19.6580
Hunter-Lab	51.1858, 6.4233, 8.3952

Details

The XYZ color **27.5281, 26.1999, 23.6849** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.6797, 31.6451, 39.7712**, and the grayscale version is **25.5697, 26.9013, 29.2956**.

A 20% lighter version of the original color is **55.0105, 53.4732, 50.6020**, and **11.1505, 10.1813, 8.5852** is the 20% darker color. If you saturate the color by 10%, you get **24.7856, 22.2883, 17.9198**, and if you desaturate by 10%, it is **30.6921, 30.6756, 30.4495**.

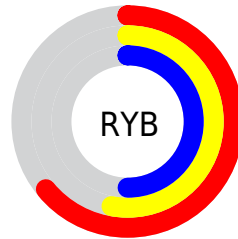
Distribution



Red (64%)

Green (52%)

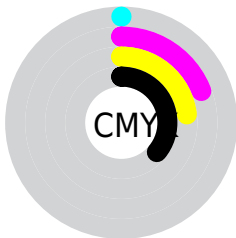
Blue (50%)



Red (64%)

Yellow (53%)

Blue (50%)

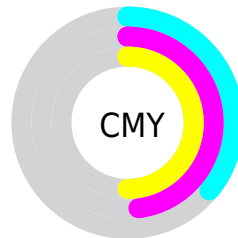


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5281, 26.1999, 23.6849 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 27.5281, 26.1999, 23.6849 by changing the saturation by 10% instead.

■ 27.5281, 26.1999,
23.6849

■ 27.5281, 26.1999,
23.6849

282.3262,
283.7620, 284.4586

■ 18.1089, 16.9732,
14.8900

■ 55.1441, 53.5973,
50.4529

■ 11.1283, 10.2154,
8.5965

■ 74.0715, 72.5368,
69.2630

■ 6.2212, 5.5420,
4.3857

■ 96.8991, 95.4827,
92.2487

■ 3.0220, 2.5687,
1.8392

123.9922,
122.8193, 119.8284

■ 1.1654, 0.9109,
0.4537

155.7160,
154.9312, 152.4208

■ 0.0788, 0.0000,
0.0000

192.4361,

■ 0.0000, 0.0000,

192.2027, 190.4442

0.0000

234.5177,
235.0182, 234.3173

■ 27.5281, 26.1999,
23.6849

■ 27.5281, 26.1999,
23.6849

■ 24.7856, 22.2883,
17.9198

■ 30.6921, 30.6756,
30.4495

■ 22.4446, 18.9150,
13.1050

■ 34.2922, 35.7328,
38.2563

■ 20.4866, 16.0572,
9.1900


■ 38.3451, 41.3928,
47.1473


■ 18.8908, 13.6894,
6.1184


■ 42.8658, 47.6745,
57.1619


■ 17.6344, 11.7837,
3.8278


■ 47.8687, 54.5962,
68.3375


 16.6918, 10.3095,
2.2469


 53.3675, 62.1752,
80.7096

 16.0338, 9.2322,
1.2912

 59.3755, 70.4283,
94.3125

 15.6929, 8.6586,
0.8442

 65.3855, 79.1638,
106.4417

 69.1198, 86.6325,
107.6865

Harmonies

Analogous

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



28.1292, 26.1999, 27.7142



27.5281, 26.1999, 23.6849



26.2252, 26.1999, 21.1768

Triad

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



27.5281, 26.1999, 23.6849



22.1824, 26.1999, 24.9632



25.1900, 26.1999, 38.3473

Complementary

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



27.5281, 26.1999, 23.6849



27.6797, 31.6451, 39.7712

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.



23.6245, 26.1999, 37.4077



27.5281, 26.1999, 23.6849



21.9320, 26.1999, 29.3560

Square

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



27.5281, 26.1999, 23.6849



23.1484, 26.1999, 21.8569



22.4489, 26.1999, 33.9883



26.7424, 26.1999, 36.4328

Rectangle

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



27.5281, 26.1999, 23.6849



25.1586, 26.1999, 20.5392



22.4489, 26.1999, 33.9883



24.6476, 26.1999, 38.3568

Sweetspot

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



27.5288, 26.2011, 23.6854



59.1586, 60.5311, 62.7240



29.1098, 25.5557, 35.9498



12.8550, 13.1234, 13.5429



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.



27.5288, 26.2011, 23.6854



47.4125, 43.9205, 37.5938



30.2154, 31.5743, 24.5810



7.1623, 7.2631, 7.4045



12.0569, 6.6878, 0.6554



0.2781, 0.1900, 0.0220

Inverse Universe

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



27.6797, 31.6451, 39.7712



47.7318, 55.5445, 71.9578



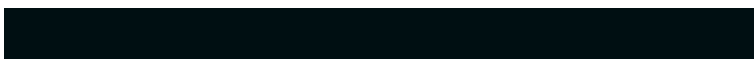
24.8243, 25.9342, 38.8194



7.1778, 7.8147, 9.0331



12.0687, 15.9169, 29.3660



0.2781, 0.3835, 0.6252

Previews

White Background



This preview shows how the XYZ color 27.5281, 26.1999, 23.6849 looks on a white background.

Color Contrast Check

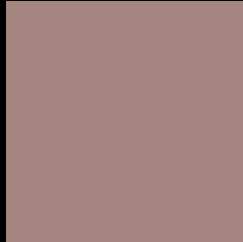
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5281, 26.1999, 23.6849 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 27.5281, 26.1999, 23.6849

Background



This preview shows how black text looks on a background with the XYZ color 27.5281, 26.1999, 23.6849.



This preview shows how white text looks on a background with the XYZ color 27.5281, 26.1999,

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

27.5281, 26.1999, 23.6849

Protanopia

25.1519, 26.4146, 25.2456

Deuteranopia

26.7928, 26.2312, 23.7297



Tritanopia

28.6499, 26.2627, 28.7585

Trichromacy



Original Color

27.5281, 26.1999, 23.6849

Protanomaly

25.9238, 26.1784, 24.8057

Deuteranomaly

27.0538, 26.1596, 23.7021

Tritanomaly

28.2122, 26.2794, 26.8780

Monochromacy



Original Color

27.5281, 26.1999, 23.6849

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3257, 26.7554, 27.4437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5281, 26.1999, 23.6849 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(164, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 133, 127)  
}
```

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(164, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 133, 127) }
```

Border

The CSS property to change the border of an element to XYZ 27.5281, 26.1999, 23.6849 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(164, 133, 127) }
```


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

```
.border{ border-color:rgb(164, 133, 127) }
```

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

Here you see how a box with a 4 pixel rgb(164, 133, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 133,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5281, 26.1999, 23.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 133, 127) }
```

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

```
.background{ background-color: rgb(164,  
133, 127) }
```

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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