

Converting Colors

XYZ(28.6664, 26.0554, 29.5049)

Have a look what the booklet for
XYZ(28.6664, 26.0554, 29.5049)
contains.

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Color

**XYZ(28.6664, 26.0554,
29.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	A6828F
RGB	166, 130, 143
RGB Percent	65%, 51%, 56%
CMY	0.3490, 0.4902, 0.4392
CMYK	0.00, 0.22, 0.14, 0.35
HSL	338°, 17%, 58%
HSV	338°, 22%, 65%
XYZ	28.6664, 26.0554, 29.5049
YIQ	142.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

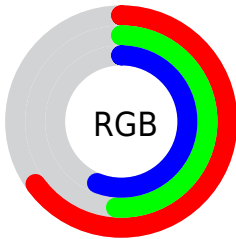
Format	Color
R_{YB}	166, 130, 143
Decimal	10912399
CIE _{Lab}	58.09, 15.96, -1.68
CIE _{LCh}	58, 16.048, 353.986
Yxy	26.0554, 0.3403, 0.3093
Android (android.graphics.Color)	4289102479 (0xFFA6828F)
YUV	142.2460, 0.3717, 20.8323
Hunter-Lab	51.0445, 10.9171, 1.4601

Details

The XYZ color **28.6664, 26.0554, 29.5049** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.5929, 34.3188, 35.2557**, and the grayscale version is **25.8029, 27.1467, 29.5627**.

A 20% lighter version of the original color is **56.8303, 53.2703, 60.1102**, and **11.7839, 10.1050, 11.6853** is the 20% darker color. If you saturate the color by 10%, you get **25.8682, 21.6844, 24.7937**, and if you desaturate by 10%, it is **31.8983, 31.1716, 34.7361**.

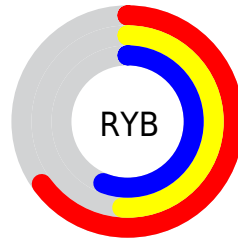
Distribution



Red (65%)

Green (51%)

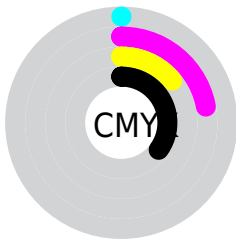
Blue (56%)



Red (65%)

Yellow (51%)

Blue (56%)

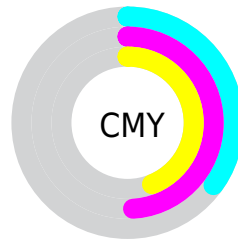


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6664, 26.0554, 29.5049 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 28.6664, 26.0554, 29.5049 by changing the saturation by 10% instead.

■ 28.6664, 26.0554,
29.5049

■ 28.6664, 26.0554,
29.5049

287.6604,
283.0539, 313.7250

■ 18.9716, 16.8651,
19.2142

■ 56.9479, 53.3643,
59.9300

■ 11.7537, 10.1384,
11.6468

■ 76.2653, 72.2517,
80.9016

■ 6.6472, 5.4908,
6.3841

■ 99.5209, 95.1402,
106.2706

■ 3.2868, 2.5380,
3.0074

127.0802,
122.4143, 136.4554

■ 1.3072, 0.8956,
1.0984

159.3084,
154.4583, 171.8748

■ 0.1886, 0.0000,
0.0000

196.5709,

■ 0.0000, 0.0000,

191.6567, 212.9471

0.0000

239.2331,
234.3937, 260.0910

■ 28.6664, 26.0554,
29.5049

■ 28.6664, 26.0554,
29.5049

■ 25.8682, 21.6844,
24.7937

■ 31.8983, 31.1716,
34.7361

■ 23.4823, 18.0201,
20.5841

■ 35.5796, 37.0620,
40.5017

■ 21.4888, 15.0260,
16.8591

■ 39.7279, 43.7586,
46.8173

■ 19.8653, 12.6606,
13.5998

■ 44.3593, 51.2903,
53.6975

■ 18.5868, 10.8780,
10.7859

■ 49.4889, 59.6847,
61.1563

■ 17.6250, 9.6260,
8.3955

■ 55.1313, 68.9681,
69.2072

■ 16.9470, 8.8425,
6.4041

■ 61.3004, 79.1655,
77.8631

■ 16.5399, 8.4326,
5.0220

■ 65.4691, 85.2203,
86.2900

■ 66.9861, 85.8271,
94.2786

Harmonies

Analogous

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



27.9092, 26.0554, 35.1325



28.6664, 26.0554, 29.5049



28.3349, 26.0554, 24.2415

Triad

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



28.6664, 26.0554, 29.5049



23.2780, 26.0554, 19.6794



22.6339, 26.0554, 37.9273

Complementary

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



28.6664, 26.0554, 29.5049



28.5929, 34.3188, 35.2557

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.



21.5081, 26.0554, 32.9423



28.6664, 26.0554, 29.5049



21.8661, 26.0554, 22.5360

Square

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



28.6664, 26.0554, 29.5049



25.1581, 26.0554, 19.0097



21.2345, 26.0554, 27.2644



24.3758, 26.0554, 40.3872

Rectangle

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



28.6664, 26.0554, 29.5049



27.5494, 26.0554, 21.5733



21.2345, 26.0554, 27.2644



22.1746, 26.0554, 36.4622

Sweetspot

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



28.6671, 26.0566, 29.5054



60.8318, 61.2642, 67.6862



27.9656, 25.4726, 39.5194



13.5298, 13.5767, 15.0162



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.



28.6671, 26.0566, 29.5054



49.4945, 43.3179, 49.3302



28.3921, 26.9920, 24.8341



7.6389, 7.5854, 8.4155



12.8465, 6.5473, 4.0034



0.3371, 0.1691, 0.2264

Inverse Universe

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



28.6671, 26.0566, 29.5054



49.4945, 43.3179, 49.3302



28.8695, 33.0594, 40.9361



7.6389, 7.5854, 8.4155



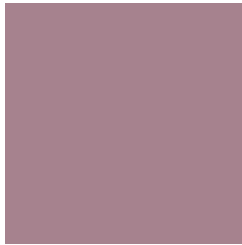
12.8465, 6.5473, 4.0034



0.3371, 0.1691, 0.2264

Previews

White Background



This preview shows how the XYZ color 28.6664, 26.0554, 29.5049 looks on a white background.

Color Contrast Check

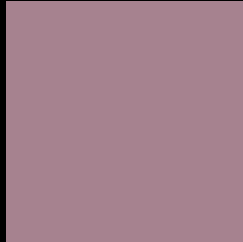
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6664, 26.0554, 29.5049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

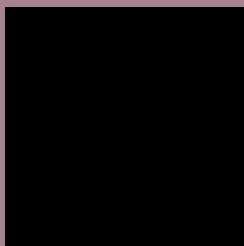
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6664, 26.0554, 29.5049

Background



This preview shows how black text looks on a background with the XYZ color 28.6664, 26.0554, 29.5049.



This preview shows how white text looks on a background with the XYZ color 28.6664, 26.0554,

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

28.6664, 26.0554, 29.5049

Protanopia

25.3931, 26.1788, 31.7316

Deuteranopia

26.4954, 25.9563, 29.2048



Tritanopia

28.5162, 25.9953, 28.7139

Trichromacy



Original Color

28.6664, 26.0554, 29.5049

Protanomaly

26.3869, 26.0732, 30.8360

Deuteranomaly

27.1746, 25.8962, 29.1574

Tritanomaly

28.5910, 26.0252, 29.1077

Monochromacy



Original Color

28.6664, 26.0554, 29.5049

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7335, 26.7093, 29.3376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6664, 26.0554, 29.5049 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, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 143)  
}
```

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, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.6664, 26.0554, 29.5049 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, 130, 143) }
```


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

```
.border{ border-color:rgb(166, 130, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 130, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6664, 26.0554, 29.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 143) }
```

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

```
.background{ background-color: rgb(166,  
130, 143) }
```

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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