

Converting Colors

XYZ(28.5541, 27.2154, 25.5622)

Have a look what the booklet for
XYZ(28.5541, 27.2154, 25.5622)
contains.

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Color

**XYZ(28.6949, 27.3813,
25.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	A68884
RGB	166, 136, 132
RGB Percent	65%, 53%, 52%
CMY	0.3490, 0.4666, 0.4823
CMYK	0.00, 0.18, 0.20, 0.35
HSL	7°, 16%, 58%
HSV	7°, 20%, 65%
XYZ	28.6949, 27.3813, 25.6025
YIQ	144.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

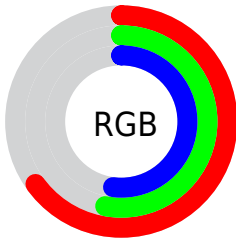
Format	Color
R_{YB}	166, 137, 132
Decimal	10913924
CIE _{Lab}	59.33, 10.74, 6.43
CIE _{LCh}	59, 12.519, 30.892
Yxy	27.3813, 0.3513, 0.3352
Android (android.graphics.Color)	4289104004 (0xFFA68884)
YUV	144.5140, -6.1694, 18.8432
Hunter-Lab	52.3271, 6.3124, 7.6197

Details

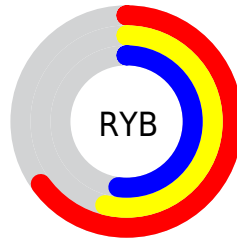
The XYZ color **28.6949, 27.3813, 25.6025** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3186, 33.4983, 40.9971**, and the grayscale version is **26.7360, 28.1284, 30.6318**.

A 20% lighter version of the original color is **56.7733, 55.2701, 53.5749**, and **11.8286, 10.8575, 9.6559** is the 20% darker color. If you saturate the color by 10%, you get **25.7247, 23.1162, 19.4469**, and if you desaturate by 10%, it is **32.1293, 32.2849, 32.8052**.

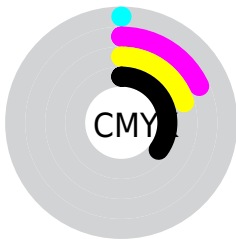
Distribution



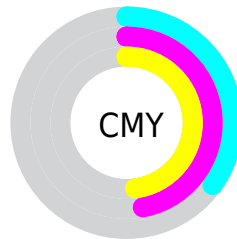
- Red (65%)
- Green (53%)
- Blue (52%)



- Red (65%)
- Yellow (54%)
- Blue (52%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (35%)





- Cyan (35%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6949, 27.3813, 25.6025 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 28.6949, 27.3813, 25.6025 by changing the saturation by 10% instead.


 28.6949, 27.3813,
25.6025


 28.6949, 27.3813,
25.6025


287.7929,
289.4986, 294.3684


 18.9933, 17.8598,
16.3034


 56.9929, 55.4951,
53.6092

 11.7694, 10.8494,
9.5824


 76.3200, 74.8562,
73.1538

 6.6579, 5.9656,
5.0210


 99.5863, 98.2660,
96.9508

 3.2935, 2.8242,
2.2006

127.1571,
126.1088, 125.4185

 1.3108, 1.0407,
0.6747

159.3978,
158.7691, 158.9756

 0.1913, 0.0000,
0.0000

196.6738,

 0.0000, 0.0000,

196.6312, 198.0406

0.0000

239.3504,
240.0796, 243.0320

■ 28.6949, 27.3813,
25.6025

■ 28.6949, 27.3813,
25.6025

■ 25.7247, 23.1162,
19.4469

■ 32.1293, 32.2849,
32.8052

■ 23.1965, 19.4598,
14.2881

■ 36.0442, 37.8478,
41.0989

■ 21.0897, 16.3854,
10.0739

■ 40.4581, 44.0947,
50.5270

■ 19.3811, 13.8628,
6.7471

■ 45.3878, 51.0477,
61.1299

■ 18.0456, 11.8592,
4.2438

■ 50.8491, 58.7279,
72.9463

■ 17.0545, 10.3382,
2.4918

■ 56.8573, 67.1556,
86.0128

■ 16.3755, 9.2588,
1.4065

■ 63.4272, 76.3503,
100.3648

■ 15.9682, 8.5915,
0.8167

■ 68.9541, 85.6833,
107.5120

■ 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.



29.1527, 27.3813, 29.6796



28.6949, 27.3813, 25.6025



27.5172, 27.3813, 22.8974

Triad

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



28.6949, 27.3813, 25.6025



23.4825, 27.3813, 25.8131



26.0720, 27.3813, 39.2918

Complementary

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



28.6949, 27.3813, 25.6025



29.3186, 33.4983, 40.9971

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.



24.5879, 27.3813, 37.9986



28.6949, 27.3813, 25.6025



23.1296, 27.3813, 29.9480

Square

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



28.6949, 27.3813, 25.6025



24.5099, 27.3813, 23.0101



23.5263, 27.3813, 34.4628



27.6015, 27.3813, 37.8411

Rectangle

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



28.6949, 27.3813, 25.6025



26.5046, 27.3813, 22.0852



23.5263, 27.3813, 34.4628



25.5515, 27.3813, 39.1625

Sweetspot

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



28.6956, 27.3825, 25.6031



61.3070, 62.8558, 65.8677



30.5019, 27.2196, 37.8444



13.6221, 13.9277, 14.5341



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.



28.6956, 27.3825, 25.6031



49.2901, 45.6969, 40.6677



31.2767, 32.5447, 26.4634



7.5996, 7.6793, 7.8710



12.4016, 6.7005, 0.6397



0.3228, 0.2051, 0.0226

Inverse Universe

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



29.3186, 33.4983, 40.9971



50.6446, 59.0130, 74.1967



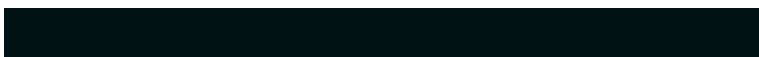
26.5294, 27.9200, 40.0674



7.6710, 8.3790, 9.6313



13.3846, 18.2295, 30.7887



0.3461, 0.4845, 0.7559

Previews

White Background



This preview shows how the XYZ color 28.6949, 27.3813, 25.6025 looks on a white background.

Color Contrast Check

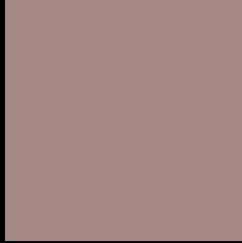
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6949, 27.3813, 25.6025 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 28.6949, 27.3813, 25.6025

Background



This preview shows how black text looks on a background with the XYZ color 28.6949, 27.3813, 25.6025.



This preview shows how white text looks on a background with the XYZ color 28.6949, 27.3813,

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

28.6949, 27.3813, 25.6025

Protanopia

26.0788, 27.2983, 26.8163

Deuteranopia

27.9513, 27.4200, 25.6492



Tritanopia

29.7844, 27.4194, 30.5107

Trichromacy



Original Color

28.6949, 27.3813, 25.6025

Protanomaly

27.0076, 27.3474, 26.4094

Deuteranomaly

28.2148, 27.3438, 25.6206

Tritanomaly

29.3339, 27.4369, 28.5607

Monochromacy



Original Color

28.6949, 27.3813, 25.6025

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5435, 28.0118, 28.7661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6949, 27.3813, 25.6025 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, 136, 132)` looks like.

```
.text, #text, p{  
    color:rgb(166, 136, 132)  
}
```

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, 136, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 136, 132) }
```

Border

The CSS property to change the border of an element to XYZ 28.6949, 27.3813, 25.6025 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, 136, 132) }
```


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

```
.border{ border-color:rgb(166, 136, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 136, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 136, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 136, 132);  
box-shadow:4px 4px 4px 4px rgb(166, 136,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6949, 27.3813, 25.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 136, 132) }
```

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

```
.background{ background-color: rgb(166,  
136, 132) }
```

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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