

Converting Colors

XYZ(28.2384, 25.7265, 27.9917)

Have a look what the booklet for
XYZ(28.2384, 25.7265, 27.9917)
contains.

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Color

**XYZ(28.2363, 25.6716,
27.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	A6818B
RGB	166, 129, 139
RGB Percent	65%, 51%, 55%
CMY	0.3490, 0.4941, 0.4549
CMYK	0.00, 0.22, 0.16, 0.35
HSL	344°, 17%, 58%
HSV	344°, 22%, 65%
XYZ	28.2363, 25.6716, 27.8930
YIQ	141.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

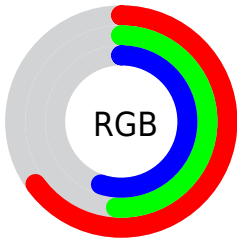
Format	Color
R_{YB}	166, 129, 139
Decimal	10912139
CIE _{Lab}	57.72, 15.85, 0.09
CIE _{LCh}	58, 15.850, 0.324
Yxy	25.6716, 0.3452, 0.3138
Android (android.graphics.Color)	4289102219 (0xFFA6818B)
YUV	141.2030, -1.0861, 21.7470
Hunter-Lab	50.6671, 10.8088, 2.8270

Details

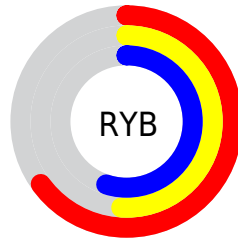
The XYZ color **28.2363, 25.6716, 27.8930** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.6912, 34.3404, 36.5703**, and the grayscale version is **25.3966, 26.7192, 29.0972**.

A 20% lighter version of the original color is **56.0612, 52.6338, 57.0738**, and **11.6113, 10.0360, 10.7764** is the 20% darker color. If you saturate the color by 10%, you get **25.3882, 21.3141, 22.8158**, and if you desaturate by 10%, it is **31.5392, 30.7811, 33.6064**.

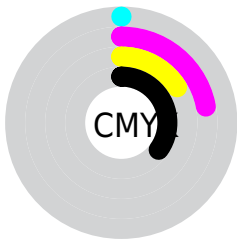
Distribution



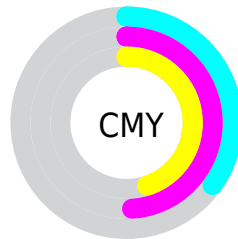
- Red (65%)
- Green (51%)
- Blue (55%)



- Red (65%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2363, 25.6716, 27.8930 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 28.2363, 25.6716, 27.8930 by changing the saturation by 10% instead.

■ 28.2363, 25.6716,
27.8930

■ 28.2363, 25.6716,
27.8930

285.6540,
281.1662, 305.8511

■ 18.6452, 16.5781,
18.0067

■ 56.2675, 52.7447,
57.3346

■ 11.5167, 9.9342,
10.7853

■ 75.4383, 71.4931,
77.7270

■ 6.4853, 5.3553,
5.8103

■ 98.5331, 94.2286,
102.4584

■ 3.1858, 2.4572,
2.6632

125.9172,
121.3355, 131.9475

■ 1.2528, 0.8551,
0.9248

157.9560,
153.1984, 166.6128

■ 0.1474, 0.0000,
0.0000

195.0148,

■ 0.0000, 0.0000,

190.2015, 206.8728

0.0000

237.4590,
232.7294, 253.1461

■ 28.2363, 25.6716,
27.8930

■ 28.2363, 25.6716,
27.8930

■ 25.3882, 21.3141,
22.8158

■ 31.5392, 30.7811,
33.6064

■ 22.9724, 17.6696,
18.3507

■ 35.3138, 36.6723,
39.9757

■ 20.9677, 14.7009,
14.4744

■ 39.5786, 43.3775,
47.0218

■ 19.3503, 12.3658,
11.1614

■ 44.3507, 50.9262,
54.7640

■ 18.0936, 10.6176,
8.3842

■ 49.6461, 59.3464,
63.2211

■ 17.1679, 9.4027,
6.1129

■ 55.4803, 68.6647,
72.4108

■ 16.5379, 8.6581,
4.3141

■ 61.8680, 78.9067,
82.3506

■ 16.1968, 8.2954,
3.2155

■ 66.6142, 85.6783,
92.3205

■ 68.4342, 86.4063,
101.9041

Harmonies

Analogous

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



27.7118, 25.6716, 33.4553



28.2363, 25.6716, 27.8930



27.6893, 25.6716, 22.9981

Triad

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



28.2363, 25.6716, 27.8930



22.6027, 25.6716, 19.8627



22.6367, 25.6716, 38.0569

Complementary

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



28.2363, 25.6716, 27.8930



28.6912, 34.3404, 36.5703

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.



21.3822, 25.6716, 33.5707



28.2363, 25.6716, 27.8930



21.3633, 25.6716, 23.0880

Square

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



28.2363, 25.6716, 27.8930



24.3795, 25.6716, 18.7453



20.9281, 25.6716, 28.0111



24.4207, 25.6716, 39.7665

Rectangle

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



28.2363, 25.6716, 27.8930



26.8062, 25.6716, 20.6517



20.9281, 25.6716, 28.0111



22.1425, 25.6716, 36.7972

Sweetspot

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



28.2370, 25.6728, 27.8935



60.6639, 61.1970, 66.8020



28.3510, 25.4748, 39.4994



13.4894, 13.5605, 14.8039



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.



28.2370, 25.6728, 27.8935



48.4507, 42.3024, 45.6768



28.6372, 27.5891, 24.5863



7.6113, 7.5744, 8.2702



12.5770, 6.4395, 2.5843



0.3269, 0.1650, 0.1729

Inverse Universe

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



28.2370, 25.6728, 27.8935



48.4507, 42.3024, 45.6768



28.1611, 31.8691, 40.7436



7.6113, 7.5744, 8.2702



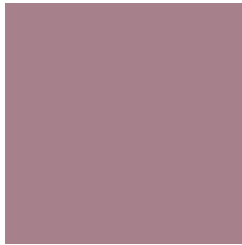
12.5770, 6.4395, 2.5843



0.3269, 0.1650, 0.1729

Previews

White Background



This preview shows how the XYZ color 28.2363, 25.6716, 27.8930 looks on a white background.

Color Contrast Check

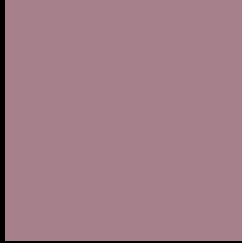
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2363, 25.6716, 27.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

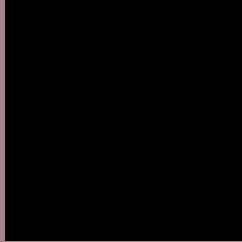
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2363, 25.6716, 27.8930

Background



This preview shows how black text looks on a background with the XYZ color 28.2363, 25.6716, 27.8930.



This preview shows how white text looks on a background with the XYZ color 28.2363, 25.6716,

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

28.2363, 25.6716, 27.8930

Protanopia

24.9377, 25.7660, 30.0445

Deuteranopia

26.2494, 25.6575, 27.6137



Tritanopia

28.2363, 25.6716, 27.8930

Trichromacy



Original Color

28.2363, 25.6716, 27.8930

Protanomaly

25.9409, 25.6705, 29.1789

Deuteranomaly

26.9393, 25.6066, 27.5675

Tritanomaly

28.2363, 25.6716, 27.8930

Monochromacy



Original Color

28.2363, 25.6716, 27.8930

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2570, 26.2688, 28.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2363, 25.6716, 27.8930 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.2363, 25.6716, 27.8930 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, 139) }
```


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

```
.border{ border-color:rgb(166, 129, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2363, 25.6716, 27.8930 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, 139) }
```

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

```
.background{ background-color: rgb(166,  
129, 139) }
```

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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