

Converting Colors

XYZ(28.4313, 26.7695, 35.2081)

Have a look what the booklet for
XYZ(28.4313, 26.7695, 35.2081)
contains.

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Color

**XYZ(28.3750, 26.7962,
35.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	9C879C
RGB	156, 135, 156
RGB Percent	61%, 53%, 61%
CMY	0.3882, 0.4706, 0.3882
CMYK	0.00, 0.13, 0.00, 0.39
HSL	300°, 10%, 57%
HSV	300°, 13%, 61%
XYZ	28.3750, 26.7962, 35.1291
YIQ	143.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

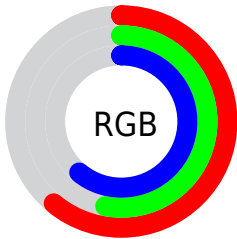
Format	Color
R _Y B	156, 135, 156
Decimal	10258332
CIE Lab	58.79, 11.82, -8.23
CIE LCh	59, 14.405, 325.148
Yxy	26.7962, 0.3142, 0.2967
Android (android.graphics.Color)	4288448412 (0xFF9C879C)
YUV	143.6730, 6.0772, 10.8108
Hunter-Lab	51.7650, 7.2559, -4.0002

Details

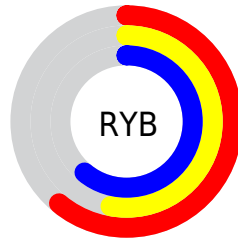
The XYZ color **28.3750, 26.7962, 35.1291** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2544, 30.6778, 27.4608**, and the grayscale version is **26.3532, 27.7256, 30.1932**.

A 20% lighter version of the original color is **56.4800, 54.4685, 68.5094**, and **11.6240, 10.5202, 14.7825** is the 20% darker color. If you saturate the color by 10%, you get **26.3563, 22.7583, 34.4565**, and if you desaturate by 10%, it is **30.7143, 31.4743, 35.9092**.

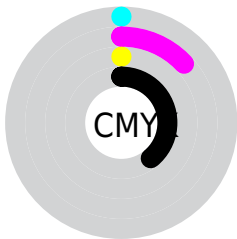
Distribution



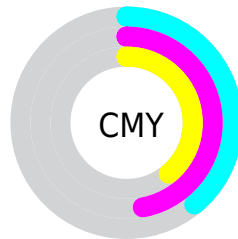
- Red (61%)
- Green (53%)
- Blue (61%)



- Red (61%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3750, 26.7962, 35.1291 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 28.3750, 26.7962, 35.1291 by changing the saturation by 10% instead.

■ 28.3750, 26.7962,
35.1291

■ 28.3750, 26.7962,
35.1291

286.3022,
286.6690, 340.0594

■ 18.7504, 17.4202,
23.4780

■ 56.4871, 54.5567,
68.8396

■ 11.5930, 10.5346,
14.7382

■ 75.7053, 73.7099,
91.7360

■ 6.5374, 5.7548,
8.4913

■ 98.8520, 96.8911,
119.2179

■ 3.2183, 2.6966,
4.3187

126.2928,
124.4845, 151.7039

■ 1.2702, 0.9754,
1.8017

158.3928,
156.8746, 189.6125

■ 0.1608, 0.0000,
0.4291

195.5175,

■ 0.0000, 0.0000,

194.4458, 233.3623

0.0000

238.0321,
237.5825, 283.3717

■ 28.3750, 26.7962,
35.1291

■ 28.3750, 26.7962,
35.1291

■ 26.3563, 22.7583,
34.4565

■ 30.7143, 31.4743,
35.9092

■ 24.6419, 19.3295,
33.8850

■ 33.3846, 36.8150,
36.7993

■ 23.2177, 16.4813,
33.4103

■ 36.3991, 42.8441,
37.8042

■ 22.0678, 14.1815,
33.0270

■ 39.7694, 49.5847,
38.9276

■ 21.1746, 12.3949,
32.7292

■ 43.5066, 57.0590,
40.1733

■ 20.5182, 11.0822,
32.5104

■ 47.6213, 65.2883,
41.5449

■ 20.0763, 10.1984,
32.3631

■ 52.1235, 74.2928,
43.0457

■ 19.8220, 9.6898,
32.2783

■ 55.4713, 80.9883,
44.1616

■ 19.7113, 9.4683,
32.2414

■ 55.4713, 80.9883,
44.1616

Harmonies

Analogous

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



26.9477, 26.7962, 38.9538



28.3750, 26.7962, 35.1291



29.0250, 26.7962, 30.0115

Triad

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



28.3750, 26.7962, 35.1291



25.7589, 26.7962, 20.4772



22.5015, 26.7962, 33.5324

Complementary

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



28.3750, 26.7962, 35.1291



26.2544, 30.6778, 27.4608

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.



22.2160, 26.7962, 28.3571



28.3750, 26.7962, 35.1291



24.0454, 26.7962, 21.1896

Square

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



28.3750, 26.7962, 35.1291



27.4705, 26.7962, 21.8650



22.7685, 26.7962, 23.9375



23.5671, 26.7962, 37.9594

Rectangle

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



28.3750, 26.7962, 35.1291



28.9090, 26.7962, 26.6951



22.7685, 26.7962, 23.9375



22.3133, 26.7962, 31.8071

Sweetspot

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



28.3758, 26.7974, 35.1297



55.5048, 56.6047, 65.1271



24.6576, 24.8806, 34.9557



12.1432, 12.3150, 14.3074



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.3758, 26.7974, 35.1297



50.4319, 46.4590, 63.4361



27.5246, 26.4569, 30.6476



6.9042, 6.7546, 8.3466



16.2359, 7.7989, 26.5568



0.2903, 0.1394, 0.4748

Inverse Universe

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



28.3758, 26.7974, 35.1297



50.4319, 46.4590, 63.4361



27.0306, 30.9883, 31.5483



6.9042, 6.7546, 8.3466



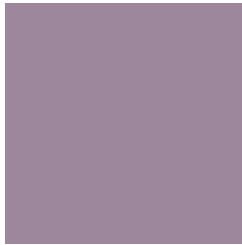
16.2359, 7.7989, 26.5568



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 28.3750, 26.7962, 35.1291 looks on a white background.

Color Contrast Check

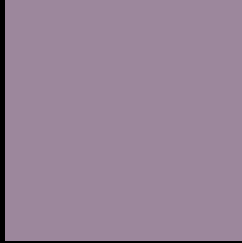
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3750, 26.7962, 35.1291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

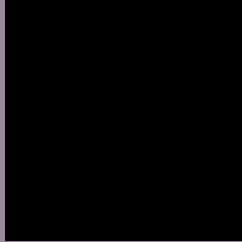
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3750, 26.7962, 35.1291

Background



This preview shows how black text looks on a background with the XYZ color 28.3750, 26.7962, 35.1291.



This preview shows how white text looks on a background with the XYZ color 28.3750, 26.7962,

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

28.3750, 26.7962, 35.1291

Protanopia

26.2836, 26.7483, 36.5785

Deuteranopia

27.3993, 26.9331, 34.7649



Tritanopia

27.5882, 26.6835, 31.3001

Trichromacy



Original Color

28.3750, 26.7962, 35.1291

Protanomaly

26.9371, 26.6653, 36.0749

Deuteranomaly

27.8109, 26.9333, 34.7432

Tritanomaly

27.8267, 26.7789, 32.5564

Monochromacy



Original Color

28.3750, 26.7962, 35.1291

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0829, 27.4838, 31.8944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3750, 26.7962, 35.1291 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(156, 135, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 135, 156)  
}
```

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(156, 135, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 135, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.3750, 26.7962, 35.1291 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(156, 135, 156) }
```


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

```
.border{ border-color:rgb(156, 135, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 135, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 135, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 135, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 135,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3750, 26.7962, 35.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 135, 156) }
```

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

```
.background{ background-color: rgb(156,  
135, 156) }
```

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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