

Converting Colors

XYZ(28.5159, 25.7294, 36.0470)

Have a look what the booklet for
XYZ(28.5159, 25.7294, 36.0470)
contains.

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Color

**XYZ(28.4063, 25.5746,
36.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	9F819F
RGB	159, 129, 159
RGB Percent	62%, 51%, 62%
CMY	0.3765, 0.4941, 0.3765
CMYK	0.00, 0.19, 0.00, 0.38
HSL	300°, 14%, 56%
HSV	300°, 19%, 62%
XYZ	28.4063, 25.5746, 36.2401
YIQ	141.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

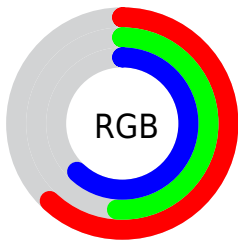
Format	Color
R_{YB}	159, 129, 159
Decimal	10453407
CIE _{Lab}	57.63, 16.92, -11.65
CIE _{LCh}	58, 20.544, 325.443
Yxy	25.5746, 0.3149, 0.2835
Android (android.graphics.Color)	4288643487 (0xFF9F819F)
YUV	141.3900, 8.6817, 15.4440
Hunter-Lab	50.5713, 11.7650, -7.0881

Details

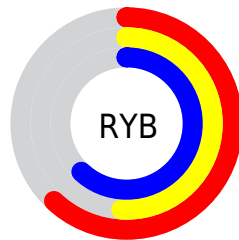
The XYZ color **28.4063, 25.5746, 36.2401** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.4148, 31.0491, 25.4237**, and the grayscale version is **25.4358, 26.7605, 29.1421**.

A 20% lighter version of the original color is **56.5971, 52.6071, 70.7895**, and **11.6388, 9.9458, 15.4937** is the 20% darker color. If you saturate the color by 10%, you get **26.4730, 21.7076, 35.5959**, and if you desaturate by 10%, it is **30.6670, 30.0956, 36.9940**.

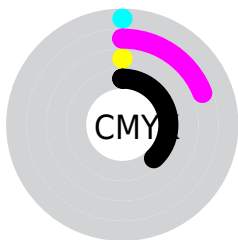
Distribution



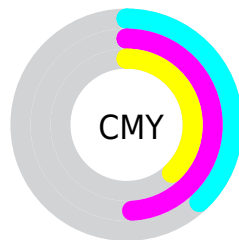
- Red (62%)
- Green (51%)
- Blue (62%)



- Red (62%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4063, 25.5746, 36.2401 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 28.4063, 25.5746, 36.2401 by changing the saturation by 10% instead.

■ 28.4063, 25.5746,
36.2401

■ 28.4063, 25.5746,
36.2401

286.4483,
280.6875, 345.0779

■ 18.7742, 16.5057,
24.3285

■ 56.5366, 52.5879,
70.5757

■ 11.6103, 9.8827,
15.3631

■ 75.7655, 71.3010,
93.8368

■ 6.5492, 5.3212,
8.9251

■ 98.9240, 93.9976,
121.7182

■ 3.2256, 2.4370,
4.5962

126.3774,
121.0622, 154.6384

■ 1.2742, 0.8448,
1.9578

158.4913,
152.8791, 193.0159

■ 0.1638, 0.0000,
0.5292

195.6308,

■ 0.0000, 0.0000,

189.8327, 237.2693

0.0000

238.1613,
232.3073, 287.8171

■ 28.4063, 25.5746,
36.2401

■ 28.4063, 25.5746,
36.2401

■ 26.4730, 21.7076,
35.5959

■ 30.6670, 30.0956,
36.9940

■ 24.8498, 18.4613,
35.0548

■ 33.2670, 35.2955,
37.8607

■ 23.5213, 15.8043,
34.6120

■ 36.2201, 41.2017,
38.8451

■ 22.4698, 13.7013,
34.2614

■ 39.5389, 47.8393,
39.9514

■ 21.6758, 12.1132,
33.9967

■ 43.2353, 55.2322,
41.1836

■ 21.1170, 10.9957,
33.8104

■ 47.3208, 63.4031,
42.5454

■ 20.7678, 10.2973,
33.6940

■ 51.8061, 72.3737,
44.0406

■ 20.5759, 9.9134,
33.6300

■ 56.3164, 81.3943,
45.5440

■ 20.5563, 9.8742,
33.6235

■ 56.3164, 81.3943,
45.5441

Harmonies

Analogous

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



26.3927, 25.5746, 41.9249



28.4063, 25.5746, 36.2401



29.3235, 25.5746, 28.9344

Triad

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



28.4063, 25.5746, 36.2401



24.6849, 25.5746, 16.4274



20.2896, 25.5746, 34.0672

Complementary

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



28.4063, 25.5746, 36.2401



25.4148, 31.0491, 25.4237

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.



19.8995, 25.5746, 26.7860



28.4063, 25.5746, 36.2401



22.3359, 25.5746, 17.3358

Square

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



28.4063, 25.5746, 36.2401



27.0849, 25.5746, 18.1308



20.6240, 25.5746, 20.8605



21.7275, 25.5746, 40.5296

Rectangle

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



28.4063, 25.5746, 36.2401



29.1476, 25.5746, 24.3996



20.6240, 25.5746, 20.8605



20.0359, 25.5746, 31.6034

Sweetspot

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



28.4071, 25.5757, 36.2407



56.1408, 56.3372, 66.6586



23.1626, 22.8721, 35.9953



12.5958, 12.5790, 15.0078



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.4071, 25.5757, 36.2407



49.2197, 42.4949, 64.3515



27.1832, 25.0862, 29.7959



6.9042, 6.7546, 8.3466



16.2358, 7.7989, 26.5566



0.2903, 0.1394, 0.4748

Inverse Universe

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



28.4071, 25.5757, 36.2407



49.2197, 42.4949, 64.3515



26.4863, 31.4777, 31.0663



6.9042, 6.7546, 8.3466



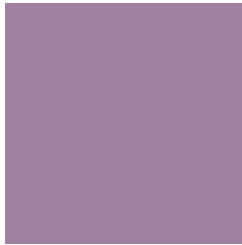
16.2358, 7.7989, 26.5566



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 28.4063, 25.5746, 36.2401 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 28.4063, 25.5746, 36.2401 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 28.4063, 25.5746, 36.2401

Background



This preview shows how black text looks on a background with the XYZ color 28.4063, 25.5746, 36.2401.



This preview shows how white text looks on a background with the XYZ color 28.4063, 25.5746,

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

28.4063, 25.5746, 36.2401

Protanopia

25.4101, 25.5945, 39.1983

Deuteranopia

26.1632, 25.6362, 35.9171



Tritanopia

27.0384, 25.6236, 29.1120

Trichromacy



Original Color

28.4063, 25.5746, 36.2401

Protanomaly

26.2913, 25.4453, 38.1761

Deuteranomaly

26.9535, 25.6332, 35.8749

Tritanomaly

27.5621, 25.6398, 31.5133

Monochromacy



Original Color

28.4063, 25.5746, 36.2401

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.5037, 26.3253, 31.7014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4063, 25.5746, 36.2401 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(159, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 159)  
}
```

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(159, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.4063, 25.5746, 36.2401 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(159, 129, 159) }
```


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

```
.border{ border-color:rgb(159, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4063, 25.5746, 36.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 159) }
```

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

```
.background{ background-color: rgb(159,  
129, 159) }
```

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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