

Converting Colors

XYZ(27.3513, 25.9699, 36.5131)

Have a look what the booklet for
XYZ(27.3513, 25.9699, 36.5131)
contains.

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Color

**XYZ(27.3608, 26.0374,
36.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	96869F
RGB	150, 134, 159
RGB Percent	59%, 53%, 62%
CMY	0.4118, 0.4745, 0.3765
CMYK	0.06, 0.16, 0.00, 0.38
HSL	278°, 12%, 57%
HSV	278°, 16%, 62%
XYZ	27.3608, 26.0374, 36.3845
YIQ	141.6340, 1.5110, 11.1670

Conversions

Conversions Part 2

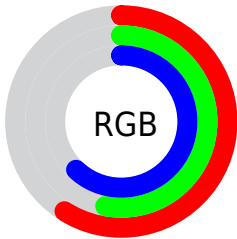
Format	Color
R _Y B	150, 134, 159
Decimal	9864863
CIE Lab	58.07, 10.86, -11.08
CIE LCh	58, 15.514, 314.445
Yxy	26.0374, 0.3047, 0.2900
Android (android.graphics.Color)	4288054943 (0xFF96869F)
YUV	141.6340, 8.5614, 7.3370
Hunter-Lab	51.0269, 6.4154, -6.5577

Details

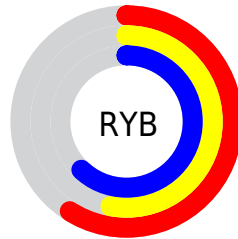
The XYZ color **27.3608, 26.0374, 36.3845** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0297, 32.3577, 27.3238**, and the grayscale version is **25.5342, 26.8639, 29.2548**.

A 20% lighter version of the original color is **54.8098, 53.2331, 71.0046**, and **11.0227, 10.0760, 15.5513** is the 20% darker color. If you saturate the color by 10%, you get **24.2988, 21.4387, 35.6586**, and if you desaturate by 10%, it is **30.8063, 31.3257, 37.2240**.

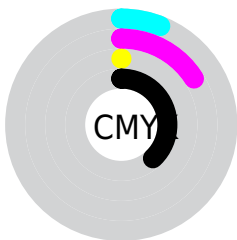
Distribution



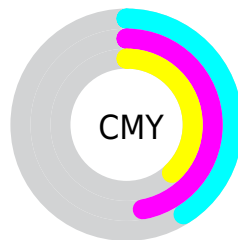
- Red (59%)
- Green (53%)
- Blue (62%)



- Red (59%)
- Yellow (53%)
- Blue (62%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3608, 26.0374, 36.3845 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 27.3608, 26.0374, 36.3845 by changing the saturation by 10% instead.

■ 27.3608, 26.0374,
36.3845

■ 27.3608, 26.0374,
36.3845

281.5356,
282.9656, 345.7261

■ 17.9824, 16.8516,
24.4393

■ 54.8781, 53.3353,
70.8008

■ 11.0369, 10.1288,
15.4446

■ 73.7477, 72.2162,
94.1090

■ 6.1592, 5.4844,
8.9819

■ 96.5117, 95.0975,
122.0419

■ 2.9837, 2.5342,
4.6327

123.5355,
122.3638, 155.0181

■ 1.1451, 0.8937,
1.9785

155.1844,
154.3994, 193.4560

■ 0.0624, 0.0000,
0.5420

191.8239,

■ 0.0000, 0.0000,

191.5886, 237.7743

0.0000

233.8191,
234.3159, 288.3915

■ 27.3608, 26.0374,
36.3845

■ 27.3608, 26.0374,
36.3845

■ 24.2988, 21.4387,
35.6586

■ 30.8063, 31.3257,
37.2240

■ 21.6024, 17.4965,
35.0398

■ 34.6474, 37.3281,
38.1802

■ 19.2560, 14.1800,
34.5233

■ 38.8985, 44.0723,
39.2579

■ 17.2416, 11.4542,
34.1034

■ 43.5727, 51.5830,
40.4612

■ 15.5394, 9.2811,
33.7737

■ 48.6824, 59.8843,
41.7942

■ 14.1275, 7.6178,
33.5270

■ 54.2395, 68.9987,
43.2606

■ 12.9806, 6.4150,
33.3553

■ 60.2553, 78.9483,
44.8640

■ 12.0651, 5.6064,
33.2475

■ 64.7296, 85.7315,
45.9375

■ 11.7103, 5.3140,
33.2097

■ 66.2452, 86.5128,
46.0084

Harmonies

Analogous

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



25.6586, 26.0374, 39.5785



27.3608, 26.0374, 36.3845



28.3884, 26.0374, 31.2121

Triad

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



27.3608, 26.0374, 36.3845



25.7278, 26.0374, 19.5163



21.4161, 26.0374, 31.0065

Complementary

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



27.3608, 26.0374, 36.3845



28.0297, 32.3577, 27.3238

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.



21.4325, 26.0374, 25.6690



27.3608, 26.0374, 36.3845



23.8587, 26.0374, 19.4760

Square

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



27.3608, 26.0374, 36.3845



27.4136, 26.0374, 21.7137



22.3066, 26.0374, 21.5955



22.2606, 26.0374, 36.2177

Rectangle

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



27.3608, 26.0374, 36.3845



28.5215, 26.0374, 27.5570



22.3066, 26.0374, 21.5955



21.3225, 26.0374, 29.1587

Sweetspot

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



27.3616, 26.0385, 36.3851



55.5806, 56.7363, 66.7652



25.9380, 27.2676, 36.6973



12.4330, 12.6398, 15.0281



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.



27.3616, 26.0385, 36.3851



46.9275, 43.4941, 64.6653



28.7964, 26.8112, 34.9625



6.6723, 6.6351, 8.3357



9.2958, 4.2212, 26.2321



0.2109, 0.0985, 0.4711

Inverse Universe

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



27.7819, 26.4054, 29.6201



47.8664, 44.3042, 49.9785



26.7698, 31.6810, 28.4977



6.7268, 6.6836, 7.4125



11.8997, 6.0644, 3.7228



0.2321, 0.1162, 0.1684

Previews

White Background



This preview shows how the XYZ color 27.3608, 26.0374, 36.3845 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 27.3608, 26.0374, 36.3845 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

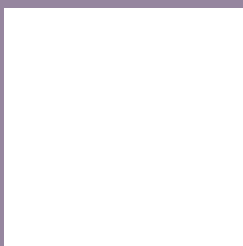
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3608, 26.0374, 36.3845

Background



This preview shows how black text looks on a background with the XYZ color 27.3608, 26.0374, 36.3845.



This preview shows how white text looks on a background with the XYZ color 27.3608, 26.0374,

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

27.3608, 26.0374, 36.3845

Protanopia

25.7459, 26.2248, 37.8874

Deuteranopia

26.5638, 26.0408, 36.4272



Tritanopia

26.2834, 26.0108, 31.2391

Trichromacy



Original Color

27.3608, 26.0374, 36.3845

Protanomaly

26.1939, 26.0400, 37.3639

Deuteranomaly

26.7760, 25.9421, 36.3970

Tritanomaly

26.6443, 25.9519, 32.8831

Monochromacy



Original Color

27.3608, 26.0374, 36.3845

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2550, 26.6231, 31.7720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3608, 26.0374, 36.3845 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(150, 134, 159)` looks like.

```
.text, #text, p{  
    color:rgb(150, 134, 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(150, 134, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 134, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.3608, 26.0374, 36.3845 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(150, 134, 159) }
```


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

```
.border{ border-color:rgb(150, 134, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 134, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 134, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 134, 159);  
box-shadow:4px 4px 4px 4px rgb(150, 134,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3608, 26.0374, 36.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 134, 159) }
```

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

```
.background{ background-color: rgb(150,  
134, 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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