

Converting Colors

XYZ(27.0329, 25.9128, 33.9351)

Have a look what the booklet for
XYZ(27.0329, 25.9128, 33.9351)
contains.

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Color

**XYZ(27.1203, 25.9626,
34.1537)**

Conversions

Conversions Part 1

Format	Color
Hex	97869A
RGB	151, 134, 154
RGB Percent	59%, 53%, 60%
CMY	0.4078, 0.4745, 0.3961
CMYK	0.02, 0.13, 0.00, 0.40
HSL	291°, 9%, 56%
HSV	291°, 13%, 60%
XYZ	27.1203, 25.9626, 34.1537
YIQ	141.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

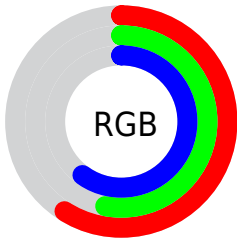
Format	Color
R_{YB}	151, 134, 154
Decimal	9930394
CIE _{Lab}	58.00, 10.20, -8.30
CIE _{LCh}	58, 13.151, 320.856
Yxy	25.9626, 0.3109, 0.2976
Android (android.graphics.Color)	4288120474 (0xFF97869A)
YUV	141.3630, 6.2300, 8.4516
Hunter-Lab	50.9535, 5.8390, -4.0741




Details

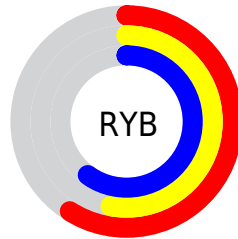
The XYZ color **27.1203, 25.9626, 34.1537** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1762, 30.1515, 26.9958**, and the grayscale version is **25.4358, 26.7605, 29.1422**.




A 20% lighter version of the original color is **54.3323, 53.0739, 67.0552**, and **10.8740, 10.0292, 14.1947** is the 20% darker color. If you saturate the color by 10%, you get **24.7206, 21.7931, 33.4758**, and if you desaturate by 10%, it is **29.8399, 30.7586, 34.9365**.

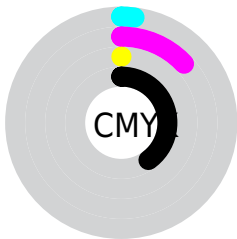
Distribution







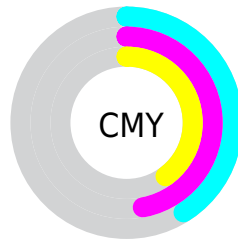
-  Red (59%)
-  Green (53%)
-  Blue (60%)






-  Red (59%)
-  Yellow (53%)
-  Blue (60%)



-  Cyan (2%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (41%)
-  Magenta (47%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1203, 25.9626, 34.1537 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 27.1203, 25.9626, 34.1537 by changing the saturation by 10% instead.

■ 27.1203, 25.9626,
34.1537

■ 27.1203, 25.9626,
34.1537

280.3961,
282.5984, 335.6069

■ 17.8006, 16.7957,
22.7334

■ 54.4954, 53.2146,
67.3092

■ 10.9058, 10.0889,
14.1933

■ 73.2815, 72.0685,
89.8815

■ 6.0703, 5.4579,
8.1150

■ 95.9538, 94.9201,
117.0083

■ 2.9290, 2.5184,
4.0798

122.8777,
122.1539, 149.1079

■ 1.1163, 0.8858,
1.6692

154.4186,
154.1542, 186.5991

■ 0.0387, 0.0000,
0.3395

190.9416,

■ 0.0000, 0.0000,

191.3055, 229.9003

0.0000

232.8124,
233.9921, 279.4300

■ 27.1203, 25.9626,
34.1537

■ 27.1203, 25.9626,
34.1537

■ 24.7206, 21.7931,
33.4758

■ 29.8399, 30.7586,
34.9365

■ 22.6251, 18.2201,
32.8965

■ 32.8897, 36.2029,
35.8266

■ 20.8203, 15.2159,
32.4118

■ 36.2824, 42.3202,
36.8285

■ 19.2905, 12.7497,
32.0164

■ 40.0291, 49.1331,
37.9461

■ 18.0188, 10.7874,
31.7047

■ 44.1408, 56.6630,
39.1828

■ 16.9861, 9.2912,
31.4703

■ 48.6276, 64.9305,
40.5421

■ 16.1709, 8.2177,
31.3061

■ 53.4996, 73.9552,
42.0273

■ 15.5473, 7.5154,
31.2034

■ 58.0588, 82.3417,
43.4057

■ 15.1771, 7.1503,
31.1524

■ 58.5607, 82.6004,
43.4292

Harmonies

Analogous

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



25.7793, 25.9626, 37.2493



27.1203, 25.9626, 34.1537



27.8144, 25.9626, 29.6808

Triad

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



27.1203, 25.9626, 34.1537



25.1649, 25.9626, 20.4872



21.9330, 25.9626, 31.4965

Complementary

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



27.1203, 25.9626, 34.1537



26.1762, 30.1515, 26.9958

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.



21.7843, 25.9626, 26.9024



27.1203, 25.9626, 34.1537



23.6059, 25.9626, 20.8620

Square

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



27.1203, 25.9626, 34.1537



26.6540, 25.9626, 22.0171



22.3844, 25.9626, 23.1021



22.7996, 25.9626, 35.6045

Rectangle

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



27.1203, 25.9626, 34.1537



27.7972, 25.9626, 26.6543



22.3844, 25.9626, 23.1021



21.7989, 25.9626, 29.9473

Sweetspot

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



27.1211, 25.9637, 34.1543



53.6363, 54.8643, 63.2992



24.6585, 25.3889, 34.1731



12.0569, 12.2705, 14.3034



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.



27.1211, 25.9637, 34.1543



47.7494, 44.5137, 61.6116



27.1450, 26.0384, 31.3370



6.3702, 6.2767, 7.8048



12.3887, 5.8377, 25.3815



0.2069, 0.0985, 0.3805

Inverse Universe

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



26.3678, 25.7275, 27.2444



46.0823, 43.9952, 46.1348



26.1710, 30.0934, 29.4997



6.2447, 6.2370, 6.6687



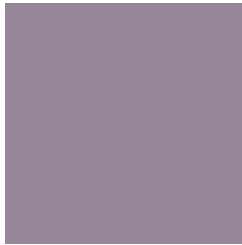
10.9931, 5.6515, 1.2228



0.1728, 0.0879, 0.0628

Previews

White Background



This preview shows how the XYZ color 27.1203, 25.9626, 34.1537 looks on a white background.

Color Contrast Check

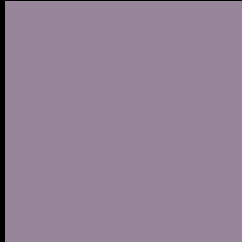
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1203, 25.9626, 34.1537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

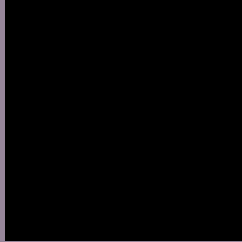
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1203, 25.9626, 34.1537

Background



This preview shows how black text looks on a background with the XYZ color 27.1203, 25.9626, 34.1537.



This preview shows how white text looks on a background with the XYZ color 27.1203, 25.9626,

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

27.1203, 25.9626, 34.1537

Protanopia

25.4908, 25.9296, 35.5597

Deuteranopia

26.4910, 26.0524, 34.2042



Tritanopia

26.4300, 25.8873, 30.7979

Trichromacy



Original Color

27.1203, 25.9626, 34.1537

Protanomaly

26.1017, 26.0424, 35.1035

Deuteranomaly

26.7095, 25.9569, 34.1743

Tritanomaly

26.6665, 25.9819, 32.0433

Monochromacy



Original Color

27.1203, 25.9626, 34.1537

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9538, 26.2720, 30.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1203, 25.9626, 34.1537 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(151, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 134, 154)  
}
```

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(151, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 134, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.1203, 25.9626, 34.1537 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(151, 134, 154) }
```


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

```
.border{ border-color:rgb(151, 134, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 134,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1203, 25.9626, 34.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 134, 154) }
```

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

```
.background{ background-color: rgb(151,  
134, 154) }
```

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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