

Converting Colors

XYZ(27.5099, 27.5088, 33.3393)

Have a look what the booklet for
XYZ(27.5099, 27.5088, 33.3393)
contains.

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Color

**XYZ(27.3584, 27.3801,
33.1211)**

Conversions

Conversions Part 1

Format	Color
Hex	958C97
RGB	149, 140, 151
RGB Percent	58%, 55%, 59%
CMY	0.4157, 0.4510, 0.4078
CMYK	0.01, 0.07, 0.00, 0.41
HSL	289°, 5%, 57%
HSV	289°, 7%, 59%
XYZ	27.3584, 27.3801, 33.1211
YIQ	143.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

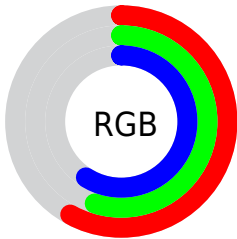
Format	Color
R_{YB}	149, 140, 151
Decimal	9800855
CIE _{Lab}	59.32, 5.46, -4.64
CIE _{LCh}	59, 7.161, 319.645
Yxy	27.3801, 0.3114, 0.3116
Android (android.graphics.Color)	4287990935 (0xFF958C97)
YUV	143.9450, 3.4781, 4.4332
Hunter-Lab	52.3260, 1.7574, -0.9009

Details

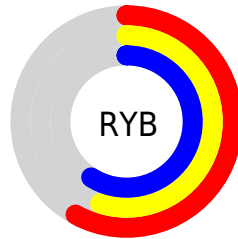
The XYZ color **27.3584, 27.3801, 33.1211** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9566, 29.7782, 29.1394**, and the grayscale version is **26.4737, 27.8524, 30.3313**.

A 20% lighter version of the original color is **54.9398, 55.6879, 65.6108**, and **10.9934, 10.8291, 13.5674** is the 20% darker color. If you saturate the color by 10%, you get **24.8068, 23.0116, 32.4128**, and if you desaturate by 10%, it is **30.2262, 32.3627, 33.9321**.

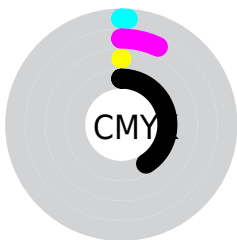
Distribution



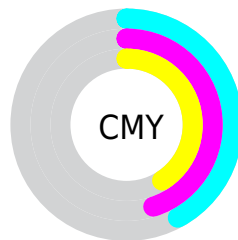
- Red (58%)
- Green (55%)
- Blue (59%)



- Red (58%)
- Yellow (55%)
- Blue (59%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (42%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3584, 27.3801, 33.1211 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 27.3584, 27.3801, 33.1211 by changing the saturation by 10% instead.

■ 27.3584, 27.3801,
33.1211

■ 27.3584, 27.3801,
33.1211

281.5243,
289.4928, 330.8438

■ 17.9806, 17.8589,
21.9474

■ 54.8743, 55.4932,
65.6827

■ 11.0356, 10.8487,
13.6203

■ 73.7430, 74.8539,
87.9077

■ 6.1583, 5.9652,
7.7213

■ 96.5061, 98.2632,
114.6535

■ 2.9831, 2.8239,
3.8319

123.5289,
126.1055, 146.3387

■ 1.1448, 1.0405,
1.5336

155.1768,
158.7652, 183.3817

■ 0.0621, 0.0000,
0.2428

191.8151,

■ 0.0000, 0.0000,

196.6268, 226.2013

0.0000

233.8091,
240.0745, 275.2158

■ 27.3584, 27.3801,
33.1211

■ 27.3584, 27.3801,
33.1211

■ 24.8068, 23.0116,
32.4128

■ 30.2262, 32.3627,
33.9321

■ 22.5566, 19.2290,
31.8013

■ 33.4195, 37.9789,
34.8478

■ 20.5956, 16.0074,
31.2828

■ 36.9501, 44.2519,
35.8726

■ 18.9095, 13.3184,
30.8526

■ 40.8284, 51.2025,
37.0098

■ 17.4830, 11.1315,
30.5057

■ 45.0645, 58.8507,
38.2627

■ 16.2990, 9.4127,
30.2363

■ 49.6680, 67.2157,
39.6347

■ 15.3384, 8.1241,
30.0382

■ 54.6483, 76.3157,
41.1287

■ 14.5793, 7.2214,
29.9040

■ 58.1343, 82.4091,
42.1211

■ 13.9839, 6.6298,
29.8212

■ 58.7387, 82.7206,
42.1494

Harmonies

Analogous

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



26.6072, 27.3801, 34.7024



27.3584, 27.3801, 33.1211



27.7550, 27.3801, 30.7076

Triad

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



27.3584, 27.3801, 33.1211



26.3347, 27.3801, 25.2193



24.4356, 27.3801, 31.5012

Complementary

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



27.3584, 27.3801, 33.1211



26.9566, 29.7782, 29.1394

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.



24.3665, 27.3801, 28.9345



27.3584, 27.3801, 33.1211



25.4493, 27.3801, 25.4046

Square

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



27.3584, 27.3801, 33.1211



27.1550, 27.3801, 26.2098



24.7336, 27.3801, 26.7315



24.9248, 27.3801, 33.7306

Rectangle

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



27.3584, 27.3801, 33.1211



27.7588, 27.3801, 28.9936



24.7336, 27.3801, 26.7315



24.3629, 27.3801, 30.6462

Sweetspot

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



27.3592, 27.3813, 33.1217



51.6167, 53.5738, 60.0539



26.0778, 27.1621, 33.1469



11.7464, 12.2019, 13.6536



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.3592, 27.3813, 33.1217



48.0865, 47.4683, 59.0615



27.4485, 27.4595, 31.6711



6.3510, 6.2668, 7.8039



11.7885, 5.5282, 25.3534



0.2016, 0.0957, 0.3802

Inverse Universe

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



27.0241, 27.2897, 29.4358



47.3442, 47.2672, 50.8259



26.8774, 29.7072, 30.4976



6.2524, 6.2401, 6.7093



11.0384, 5.6696, 1.4612



0.1750, 0.0888, 0.0745

Previews

White Background



This preview shows how the XYZ color 27.3584, 27.3801, 33.1211 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 27.3584, 27.3801, 33.1211 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 27.3584, 27.3801, 33.1211

Background



This preview shows how black text looks on a background with the XYZ color 27.3584, 27.3801, 33.1211.



This preview shows how white text looks on a background with the XYZ color 27.3584, 27.3801,

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

27.3584, 27.3801, 33.1211

Protanopia

26.6682, 27.4526, 33.5991

Deuteranopia

27.9554, 27.4719, 33.1074



Tritanopia

27.3584, 27.3801, 33.1211

Trichromacy



Original Color

27.3584, 27.3801, 33.1211

Protanomaly

26.8694, 27.3365, 33.5661

Deuteranomaly

27.7674, 27.3750, 33.0986

Tritanomaly

27.3584, 27.3801, 33.1211

Monochromacy



Original Color

27.3584, 27.3801, 33.1211

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9430, 27.8625, 31.5617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3584, 27.3801, 33.1211 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(149, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 151)  
}
```

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(149, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.3584, 27.3801, 33.1211 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(149, 140, 151) }
```


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

```
.border{ border-color:rgb(149, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3584, 27.3801, 33.1211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 151) }
```

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

```
.background{ background-color: rgb(149,  
140, 151) }
```

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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