

Converting Colors

XYZ(27.3555, 27.1215, 36.1861)

Have a look what the booklet for
XYZ(27.3555, 27.1215, 36.1861)
contains.

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Color

**XYZ(27.2582, 27.0449,
36.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	928B9E
RGB	146, 139, 158
RGB Percent	57%, 55%, 62%
CMY	0.4274, 0.4549, 0.3804
CMYK	0.08, 0.12, 0.00, 0.38
HSL	262°, 9%, 58%
HSV	262°, 12%, 62%
XYZ	27.2582, 27.0449, 36.1313
YIQ	143.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

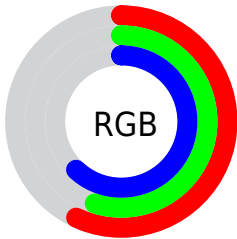
Format	Color
R_YB	146, 139, 158
Decimal	9603998
CIE Lab	59.02, 6.38, -9.13
CIE LCh	59, 11.138, 304.973
Yxy	27.0449, 0.3014, 0.2991
Android (android.graphics.Color)	4287794078 (0xFF928B9E)
YUV	143.2590, 7.2673, 2.4039
Hunter-Lab	52.0047, 2.5523, -4.7896

Details

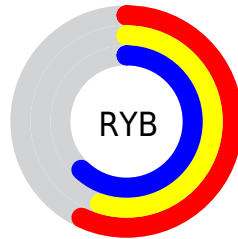
The XYZ color **27.2582, 27.0449, 36.1313** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.6507, 32.8979, 29.2147**, and the grayscale version is **26.1850, 27.5486, 30.0005**.

A 20% lighter version of the original color is **54.6793, 54.7827, 70.6430**, and **10.9455, 10.6392, 15.3866** is the 20% darker color. If you saturate the color by 10%, you get **23.4365, 21.9211, 35.3441**, and if you desaturate by 10%, it is **31.5671, 32.9122, 37.0371**.

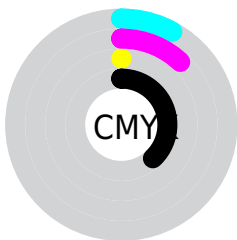
Distribution



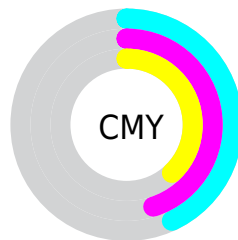
- Red (57%)
- Green (55%)
- Blue (62%)



- Red (57%)
- Yellow (55%)
- Blue (62%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2582, 27.0449, 36.1313 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 27.2582, 27.0449, 36.1313 by changing the saturation by 10% instead.

■ 27.2582, 27.0449,
36.1313

■ 27.2582, 27.0449,
36.1313

281.0499,
287.8745, 344.5888

■ 17.9048, 17.6069,
24.2451

■ 54.7149, 54.9559,
70.4060

■ 10.9810, 10.6682,
15.3017

■ 73.5489, 74.1978,
93.6316

■ 6.1212, 5.8442,
8.8824

■ 96.2739, 97.4764,
121.4741

■ 2.9603, 2.7506,
4.5688

123.2551,
125.1761, 154.3520

■ 1.1328, 1.0029,
1.9423

154.8579,
157.6814, 192.6839

■ 0.0523, 0.0000,
0.5194

191.4478,

■ 0.0000, 0.0000,

195.3766, 236.8883

0.0000

233.3900,
238.6462, 287.3838

■ 27.2582, 27.0449,
36.1313

■ 27.2582, 27.0449,
36.1313

■ 23.4365, 21.9211,
35.3441

■ 31.5671, 32.9122,
37.0371

■ 20.0815, 17.5070,
34.6690

■ 36.3778, 39.5480,
38.0644

■ 17.1748, 13.7715,
34.1011

■ 41.7073, 46.9804,
39.2181

■ 14.6957, 10.6795,
33.6350

■ 47.5711, 55.2351,
40.5024

■ 12.6218, 8.1928,
33.2643

■ 53.9841, 64.3365,
41.9211

■ 10.9285, 6.2692,
32.9823

■ 60.9603, 74.3082,
43.4782

■ 9.5879, 4.8605,
32.7810

■ 68.5135, 85.1727,
45.1771

■ 8.5678, 3.9101,
32.6513

■ 73.2473, 90.1325,
45.8850

■ 7.9279, 3.3741,
32.5816

■ 76.4660, 91.7918,
46.0356

Harmonies

Analogous

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



25.9363, 27.0449, 37.6950



27.2582, 27.0449, 36.1313



28.1882, 27.0449, 32.7843

Triad

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



27.2582, 27.0449, 36.1313



26.8456, 27.0449, 23.0780



23.1488, 27.0449, 30.1117

Complementary

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



27.2582, 27.0449, 36.1313



29.6507, 32.8979, 29.2147

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.



23.3728, 27.0449, 26.3448



27.2582, 27.0449, 36.1313



25.4758, 27.0449, 22.5000

Square

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



27.2582, 27.0449, 36.1313



27.9440, 27.0449, 25.2985



24.2127, 27.0449, 23.6431



23.5896, 27.0449, 34.0266

Rectangle

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



27.2582, 27.0449, 36.1313



28.4433, 27.0449, 30.1190



24.2127, 27.0449, 23.6431



23.1490, 27.0449, 28.7857

Sweetspot

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



27.2590, 27.0460, 36.1319



55.6440, 57.4664, 66.9028



27.8920, 30.1025, 36.6885



12.4138, 12.7766, 15.0555



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.



27.2590, 27.0460, 36.1319



47.8640, 46.9054, 65.2744



29.0124, 27.9499, 36.2140



6.5040, 6.5483, 8.3278



6.3898, 2.7231, 26.0961



0.1589, 0.0717, 0.4687

Inverse Universe

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



28.9201, 27.9700, 33.1543



51.4064, 48.8765, 58.8892



27.9635, 32.0281, 29.1357



6.8004, 6.7131, 7.8001



13.1472, 6.5635, 10.2923



0.2549, 0.1253, 0.2883

Previews

White Background



This preview shows how the XYZ color 27.2582, 27.0449, 36.1313 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 27.2582, 27.0449, 36.1313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

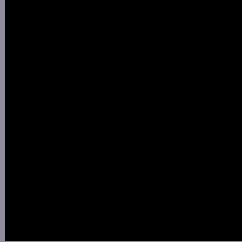
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2582, 27.0449, 36.1313

Background



This preview shows how black text looks on a background with the XYZ color 27.2582, 27.0449, 36.1313.



This preview shows how white text looks on a background with the XYZ color 27.2582, 27.0449,

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

27.2582, 27.0449, 36.1313

Protanopia

26.4303, 27.0419, 36.6275

Deuteranopia

27.4728, 26.9415, 36.1000



Tritanopia

26.6411, 27.0103, 33.0875

Trichromacy



Original Color

27.2582, 27.0449, 36.1313

Protanomaly

26.7914, 27.0102, 36.6023

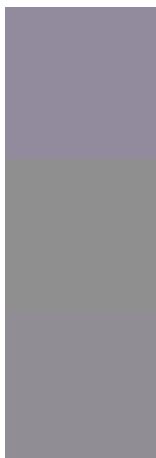
Deuteranomaly

27.2927, 26.8486, 36.0916

Tritanomaly

26.8879, 27.1090, 34.3873

Monochromacy



Original Color

27.2582, 27.0449, 36.1313

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5199, 27.4134, 31.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2582, 27.0449, 36.1313 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(146, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(146, 139, 158)  
}
```

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(146, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.2582, 27.0449, 36.1313 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(146, 139, 158) }
```


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

```
.border{ border-color:rgb(146, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2582, 27.0449, 36.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 158) }
```

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

```
.background{ background-color: rgb(146,  
139, 158) }
```

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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