

Converting Colors

XYZ(29.6768, 27.8355, 37.5269)

Have a look what the booklet for
XYZ(29.6768, 27.8355, 37.5269)
contains.

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Color

**XYZ(29.6768, 27.8355,
37.5269)**

Conversions

Conversions Part 1

Format	Color
Hex	9F89A1
RGB	159, 137, 161
RGB Percent	62%, 54%, 63%
CMY	0.3765, 0.4627, 0.3686
CMYK	0.01, 0.15, 0.00, 0.37
HSL	295°, 11%, 58%
HSV	295°, 15%, 63%
XYZ	29.6768, 27.8355, 37.5269
YIQ	146.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

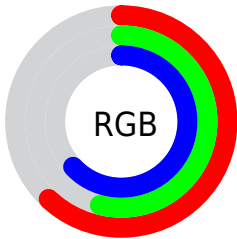
Format	Color
RYB	159, 137, 161
Decimal	10455457
CIELab	59.74, 12.74, -9.64
CIELCh	60, 15.976, 322.892
Yxy	27.8355, 0.3123, 0.2929
Android (android.graphics.Color)	4288645537 (0xFF9F89A1)
YUV	146.3140, 7.2402, 11.1256
Hunter-Lab	52.7594, 8.0762, -5.2405

Details

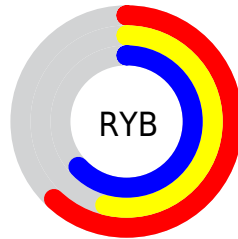
The XYZ color **29.6768, 27.8355, 37.5269** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.9087, 32.7856, 28.5257**, and the grayscale version is **27.4208, 28.8488, 31.4164**.

A 20% lighter version of the original color is **58.5397, 56.0809, 72.7051**, and **12.2319, 11.0463, 15.9555** is the 20% darker color. If you saturate the color by 10%, you get **27.2925, 23.4592, 36.8083**, and if you desaturate by 10%, it is **32.4072, 32.8987, 38.3607**.

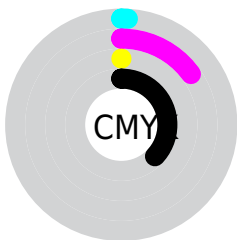
Distribution



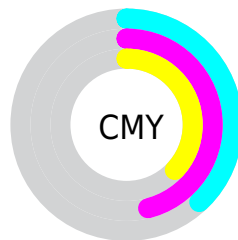
- Red (62%)
- Green (54%)
- Blue (63%)



- Red (62%)
- Yellow (54%)
- Blue (63%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6768, 27.8355, 37.5269 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 29.6768, 27.8355, 37.5269 by changing the saturation by 10% instead.

■ 29.6768, 27.8355,
37.5269

■ 29.6768, 27.8355,
37.5269

292.3320,
291.6800, 350.8233

■ 19.7403, 18.2017,
25.3167

■ 58.5408, 56.2217,
72.5778

■ 12.3135, 11.0949,
16.0920

■ 78.1990, 75.7429,
96.2556

■ 7.0313, 6.1307,
9.4342

■ 101.8285, 99.3287,
124.5930

■ 3.5282, 2.9247,
4.9248

129.7945,
127.3634, 158.0085

■ 1.4388, 1.0926,
2.1453

162.4625,
160.2315, 196.9208

■ 0.2836, 0.0000,
0.6425

200.1979,

■ 0.0000, 0.0000,

198.3174, 241.7483

0.0000

243.3659,
242.0054, 292.9096

■ 29.6768, 27.8355,
37.5269

■ 29.6768, 27.8355,
37.5269

■ 27.2925, 23.4592,
36.8083

■ 32.4072, 32.8987,
38.3607

■ 25.2366, 19.7361,
36.1980

■ 35.4953, 38.6735,
39.3126

■ 23.4939, 16.6350,
35.6913

■ 38.9554, 45.1878,
40.3876

■ 22.0467, 14.1206,
35.2822

■ 42.8000, 52.4670,
41.5900

■ 20.8756, 12.1543,
34.9644

■ 47.0412, 60.5350,
42.9237

■ 19.9590, 10.6928,
34.7306

■ 51.6906, 69.4149,
44.3927

■ 19.2720, 9.6861,
34.5725

■ 56.7592, 79.1290,
46.0006

■ 18.7834, 9.0722,
34.4798

■ 58.7133, 82.6097,
46.5694

■ 18.5708, 8.8304,
34.4443

■ 59.0043, 82.7597,
46.5830

Harmonies

Analogous

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



27.9966, 27.8355, 41.7541



29.6768, 27.8355, 37.5269



30.5012, 27.8355, 31.7056

Triad

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



29.6768, 27.8355, 37.5269



26.9404, 27.8355, 20.5557



23.0375, 27.8355, 34.8443

Complementary

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



29.6768, 27.8355, 37.5269



27.9087, 32.7856, 28.5257

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.



22.7867, 27.8355, 28.9523



29.6768, 27.8355, 37.5269



24.9745, 27.8355, 21.1721

Square

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



29.6768, 27.8355, 37.5269



28.8700, 27.8355, 22.2744



23.4786, 27.8355, 24.0801



24.1819, 27.8355, 40.0729

Rectangle

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



29.6768, 27.8355, 37.5269



30.4265, 27.8355, 27.8935



23.4786, 27.8355, 24.0801



22.8484, 27.8355, 32.8583

Sweetspot

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



29.6776, 27.8367, 37.5275



58.4721, 59.7271, 68.8332



25.9834, 26.3582, 37.4368



12.7414, 12.9455, 15.0708



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.



29.6776, 27.8367, 37.5275



51.6148, 47.0257, 66.7430



29.2304, 27.7040, 33.0859



7.3059, 7.1720, 8.9024



14.8483, 7.0611, 27.5101



0.3279, 0.1566, 0.5788

Inverse Universe

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



28.3048, 27.3338, 28.2116



48.6716, 45.9500, 46.6549



28.3289, 32.9154, 32.4651



7.0966, 7.0951, 7.4952



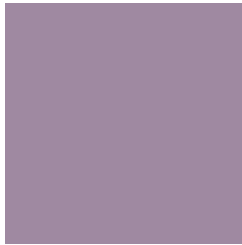
11.8059, 6.0784, 0.9025



0.2548, 0.1304, 0.0545

Previews

White Background



This preview shows how the XYZ color 29.6768, 27.8355, 37.5269 looks on a white background.

Color Contrast Check

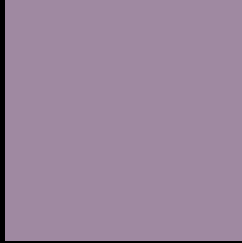
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6768, 27.8355, 37.5269 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 29.6768, 27.8355, 37.5269

Background



This preview shows how black text looks on a background with the XYZ color 29.6768, 27.8355, 37.5269.



This preview shows how white text looks on a background with the XYZ color 29.6768, 27.8355,

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

29.6768, 27.8355, 37.5269

Protanopia

27.4292, 27.9370, 39.5440

Deuteranopia

28.3009, 27.7783, 37.1278



Tritanopia

28.6423, 27.8353, 32.7173

Trichromacy



Original Color

29.6768, 27.8355, 37.5269

Protanomaly

28.2583, 27.9331, 39.0242

Deuteranomaly

28.7147, 27.7756, 37.1055

Tritanomaly

29.0218, 27.7792, 34.4041

Monochromacy



Original Color

29.6768, 27.8355, 37.5269

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1709, 28.4586, 33.2864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6768, 27.8355, 37.5269 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, 137, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 161)  
}
```

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, 137, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.6768, 27.8355, 37.5269 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, 137, 161) }
```


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

```
.border{ border-color:rgb(159, 137, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 137, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 137, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 137, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 137,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6768, 27.8355, 37.5269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 137, 161) }
```

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

```
.background{ background-color: rgb(159,  
137, 161) }
```

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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