

Converting Colors

XYZ(31.0375, 29.6349, 36.8869)

Have a look what the booklet for
XYZ(31.0375, 29.6349, 36.8869)
contains.

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Color

**XYZ(31.0353, 29.6357,
36.8854)**

Conversions

Conversions Part 1

Format	Color
Hex	A38E9F
RGB	163, 142, 159
RGB Percent	64%, 56%, 62%
CMY	0.3608, 0.4431, 0.3765
CMYK	0.00, 0.13, 0.02, 0.36
HSL	311°, 10%, 60%
HSV	311°, 13%, 64%
XYZ	31.0353, 29.6357, 36.8854
YIQ	150.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

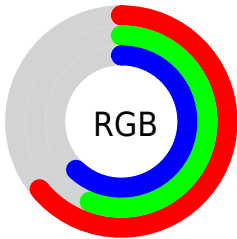
Format	Color
R_{YB}	163, 142, 159
Decimal	10718879
CIE _{Lab}	61.34, 10.95, -6.08
CIE _{LCh}	61, 12.523, 330.961
Yxy	29.6357, 0.3181, 0.3038
Android (android.graphics.Color)	4288908959 (0xFFA38E9F)
YUV	150.2170, 4.3300, 11.2107
Hunter-Lab	54.4387, 6.4945, -2.0654

Details

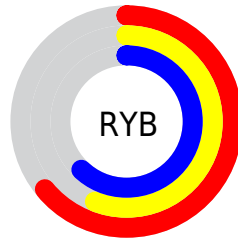
The XYZ color **31.0353, 29.6357, 36.8854** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4420, 34.0214, 32.2108**, and the grayscale version is **29.0623, 30.5758, 33.2971**.

A 20% lighter version of the original color is **60.7910, 59.2403, 71.8488**, and **13.0895, 12.1165, 15.8362** is the 20% darker color. If you saturate the color by 10%, you get **28.5194, 25.0294, 34.7341**, and if you desaturate by 10%, it is **33.9143, 34.9566, 39.1918**.

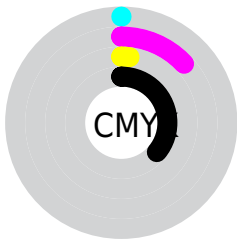
Distribution



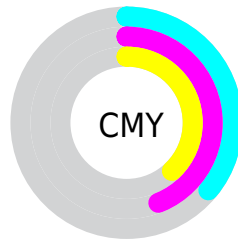
- Red (64%)
- Green (56%)
- Blue (62%)



- Red (64%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0353, 29.6357, 36.8854 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 31.0353, 29.6357, 36.8854 by changing the saturation by 10% instead.

■ 31.0353, 29.6357,
36.8854

■ 31.0353, 29.6357,
36.8854

298.5249,
300.2027, 347.9678

■ 20.7777, 19.5622,
24.8237

■ 60.6711, 59.0856,
71.5809

■ 13.0731, 12.0772,
15.7279

■ 80.7800, 79.2308,
95.0517

■ 7.5563, 6.7963,
9.1796

■ 104.9034,
103.5020, 123.1626

■ 3.8618, 3.3350,
4.7601

133.4066,
132.2837, 156.3322

■ 1.6242, 1.3090,
2.0509

166.6550,
165.9602, 194.9789

■ 0.4081, 0.1482,
0.5863

205.0140,

■ 0.0000, 0.0000,

204.9160, 239.5215

0.0000

248.8488,
249.5353, 290.3782

■ 31.0353, 29.6357,
36.8854

■ 31.0353, 29.6357,
36.8854

■ 28.5194, 25.0294,
34.7341

■ 33.9143, 34.9566,
39.1918

■ 26.3487, 21.1032,
32.7307

■ 37.1684, 41.0170,
41.6566

■ 24.5076, 17.8254,
30.8701

■ 40.8119, 47.8454,
44.2850

■ 22.9781, 15.1603,
29.1461

■ 44.8579, 55.4677,
47.0818

■ 21.7408, 13.0689,
27.5518

■ 49.3188, 63.9086,
50.0511

■ 20.7736, 11.5075,
26.0798

■ 54.2062, 73.1914,
53.1973

■ 20.0517, 10.4263,
24.7215

■ 59.1783, 82.6322,
56.4064

■ 19.5453, 9.7657,
23.4666

■ 59.5000, 82.7609,
58.1005

■ 19.2658, 9.4512,
22.6195

■ 59.8288, 82.8924,
59.8322

Harmonies

Analogous

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



29.8327, 29.6357, 40.7088



31.0353, 29.6357, 36.8854



31.4625, 29.6357, 32.1161

Triad

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



31.0353, 29.6357, 36.8854



28.1147, 29.6357, 24.0052



25.5325, 29.6357, 37.1748

Complementary

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



31.0353, 29.6357, 36.8854



29.4420, 34.0214, 32.2108

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.



25.1116, 29.6357, 32.4209



31.0353, 29.6357, 36.8854



26.5661, 29.6357, 25.0833

Square

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



31.0353, 29.6357, 36.8854



29.7370, 29.6357, 24.9547



25.4827, 29.6357, 28.0534



26.6549, 29.6357, 40.8870

Rectangle

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



31.0353, 29.6357, 36.8854



31.2374, 29.6357, 29.1241



25.4827, 29.6357, 28.0534



25.3063, 29.6357, 35.6309

Sweetspot

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



31.0362, 29.6370, 36.8860



60.0875, 61.3989, 69.6812



28.1125, 28.0890, 38.5910



13.4075, 13.6270, 15.5811



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.0362, 29.6370, 36.8860



54.4444, 50.9851, 65.1106



30.1752, 29.2926, 32.3523



7.3062, 7.1789, 8.5988



14.9886, 7.3515, 17.6623



0.3290, 0.1601, 0.4452

Inverse Universe

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



31.0362, 29.6370, 36.8860



54.4444, 50.9851, 65.1106



30.2840, 34.3582, 36.6447



7.3062, 7.1789, 8.5988



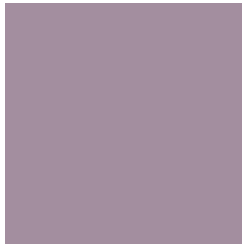
14.9886, 7.3515, 17.6623



0.3290, 0.1601, 0.4452

Previews

White Background



This preview shows how the XYZ color 31.0353, 29.6357, 36.8854 looks on a white background.

Color Contrast Check

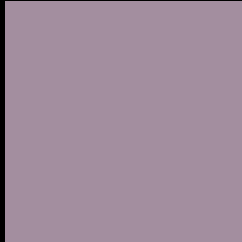
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0353, 29.6357, 36.8854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

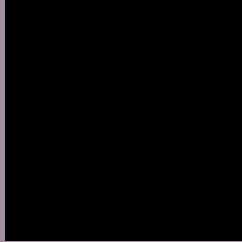
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0353, 29.6357, 36.8854

Background



This preview shows how black text looks on a background with the XYZ color 31.0353, 29.6357, 36.8854.



This preview shows how white text looks on a background with the XYZ color 31.0353, 29.6357,

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

31.0353, 29.6357, 36.8854

Protanopia

28.9879, 29.6791, 38.3832

Deuteranopia

30.3318, 29.7188, 36.9385



Tritanopia

30.5555, 29.6594, 34.6862

Trichromacy



Original Color

31.0353, 29.6357, 36.8854

Protanomaly

29.6953, 29.5963, 37.8658

Deuteranomaly

30.5777, 29.6217, 36.9068

Tritanomaly

30.7235, 29.7266, 35.5710

Monochromacy



Original Color

31.0353, 29.6357, 36.8854

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.7011, 30.1359, 34.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0353, 29.6357, 36.8854 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(163, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(163, 142, 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(163, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.0353, 29.6357, 36.8854 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(163, 142, 159) }
```


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

```
.border{ border-color:rgb(163, 142, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 159);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0353, 29.6357, 36.8854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 159) }
```

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

```
.background{ background-color: rgb(163,  
142, 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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