

Converting Colors

XYZ(32.2539, 31.5199, 37.2776)

Have a look what the booklet for
XYZ(32.2539, 31.5199, 37.2776)
contains.

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Color

**XYZ(32.3650, 31.6823,
37.2104)**

Conversions

Conversions Part 1

Format	Color
Hex	A5949F
RGB	165, 148, 159
RGB Percent	65%, 58%, 62%
CMY	0.3529, 0.4196, 0.3765
CMYK	0.00, 0.10, 0.04, 0.35
HSL	321°, 9%, 61%
HSV	321°, 10%, 65%
XYZ	32.3650, 31.6823, 37.2104
YIQ	154.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

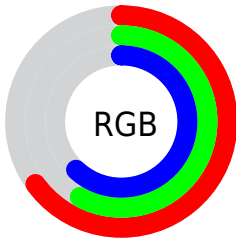
Format	Color
R_{YB}	165, 148, 159
Decimal	10851487
CIE _{Lab}	63.08, 8.29, -3.49
CIE _{LCh}	63, 8.996, 337.205
Yxy	31.6823, 0.3196, 0.3129
Android (android.graphics.Color)	4289041567 (0xFFA5949F)
YUV	154.3370, 2.2989, 9.3515
Hunter-Lab	56.2870, 4.1351, 0.2053

Details

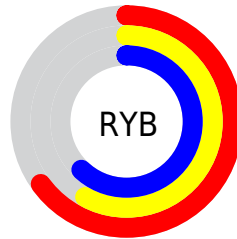
The XYZ color **32.3650, 31.6823, 37.2104** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5018, 35.5402, 35.7732**, and the grayscale version is **30.8521, 32.4588, 35.3477**.

A 20% lighter version of the original color is **62.7733, 62.3117, 72.3372**, and **13.7915, 13.1428, 15.9973** is the 20% darker color. If you saturate the color by 10%, you get **29.4658, 26.6734, 33.8089**, and if you desaturate by 10%, it is **35.6588, 37.4414, 40.8617**.

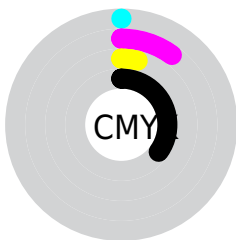
Distribution



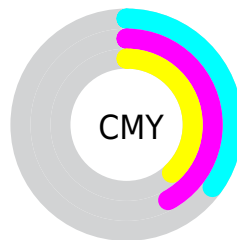
- Red (65%)
- Green (58%)
- Blue (62%)



- Red (65%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3650, 31.6823, 37.2104 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 32.3650, 31.6823, 37.2104 by changing the saturation by 10% instead.

■ 32.3650, 31.6823,
37.2104

■ 32.3650, 31.6823,
37.2104

304.4944,
309.6695, 349.4166

■ 21.7973, 21.1190,
25.0734

■ 62.7442, 62.3127,
72.0862

■ 13.8238, 13.2110,
15.9122

■ 83.2864, 83.1485,
95.6621

■ 8.0791, 7.5740,
9.3084

107.8843,
108.1773, 123.8879

■ 4.1978, 3.8236,
4.8433

136.9030,
137.7835, 157.1824

■ 1.8147, 1.5754,
2.0985

170.7081,
172.3514, 195.9639

■ 0.5265, 0.3409,
0.6149

209.6647,

■ 0.0000, 0.0000,

212.2654, 240.6511

0.0000

254.1384,
257.9100, 291.6625

■ 32.3650, 31.6823,
37.2104

■ 32.3650, 31.6823,
37.2104

■ 29.4658, 26.6734,
33.8089

■ 35.6588, 37.4414,
40.8617

■ 26.9426, 22.3794,
30.6484

■ 39.3594, 43.9758,
44.7673

■ 24.7793, 18.7681,
27.7221

■ 43.4818, 51.3147,
48.9341

■ 22.9577, 15.8037,
25.0223

■ 48.0395, 59.4845,
53.3681

■ 21.4577, 13.4465,
22.5407

■ 53.0452, 68.5104,
58.0752

■ 20.2572, 11.6529,
20.2681

■ 58.5113, 78.4165,
63.0608

■ 19.3311, 10.3732,
18.1943

■ 61.6762, 83.6790,
67.4058

■ 18.6499, 9.5490,
16.3077

■ 62.3691, 83.9562,
71.0547

■ 18.1583, 9.0559,
14.6334

■ 63.0883, 84.2438,
74.8417

Harmonies

Analogous

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



31.5779, 31.6823, 40.2260



32.3650, 31.6823, 37.2104



32.5410, 31.6823, 33.6474

Triad

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



32.3650, 31.6823, 37.2104



29.8151, 31.6823, 28.1560



28.2537, 31.6823, 38.7924

Complementary

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



32.3650, 31.6823, 37.2104



31.5018, 35.5402, 35.7732

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.



27.8091, 31.6823, 35.3601



32.3650, 31.6823, 37.2104



28.6943, 31.6823, 29.3389

Square

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



32.3650, 31.6823, 37.2104



31.0463, 31.6823, 28.5768



27.9681, 31.6823, 31.9181



29.1987, 31.6823, 41.1822

Rectangle

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



32.3650, 31.6823, 37.2104



32.2837, 31.6823, 31.4682



27.9681, 31.6823, 31.9181



28.0420, 31.6823, 37.7134

Sweetspot

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



32.3659, 31.6837, 37.2111



62.1658, 64.0779, 71.3339



30.6996, 30.7630, 39.9178



13.4875, 13.8280, 15.4817



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.



32.3659, 31.6837, 37.2111



56.9140, 54.9189, 65.4383



31.6575, 31.4003, 33.4807



7.2576, 7.1595, 8.3431



13.7610, 6.8605, 11.1982



0.3103, 0.1526, 0.3466

Inverse Universe

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



32.3659, 31.6837, 37.2111



56.9140, 54.9189, 65.4383



32.2306, 35.8317, 39.6108



7.2576, 7.1595, 8.3431



13.7610, 6.8605, 11.1982



0.3103, 0.1526, 0.3466

Previews

White Background



This preview shows how the XYZ color 32.3650, 31.6823, 37.2104 looks on a white background.

Color Contrast Check

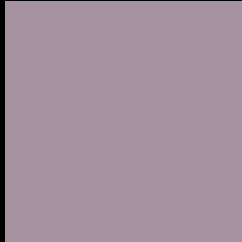
Large Text (above 18pt) WCAG AA × Fail

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 32.3650, 31.6823, 37.2104 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 ✓ Pass

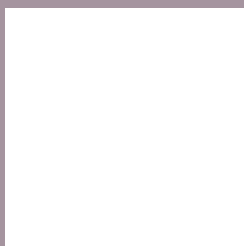
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3650, 31.6823, 37.2104

Background



This preview shows how black text looks on a background with the XYZ color 32.3650, 31.6823, 37.2104.



This preview shows how white text looks on a background with the XYZ color 32.3650, 31.6823,

37.2104.

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

32.3650, 31.6823, 37.2104

Protanopia

30.7981, 31.8020, 38.2334

Deuteranopia

32.3650, 31.6823, 37.2104



Tritanopia

32.4521, 31.7172, 37.6693

Trichromacy



Original Color

32.3650, 31.6823, 37.2104

Protanomaly

31.3164, 31.8394, 37.7528

Deuteranomaly

32.3650, 31.6823, 37.2104

Tritanomaly

32.4521, 31.7172, 37.6693

Monochromacy



Original Color

32.3650, 31.6823, 37.2104

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3295, 32.1259, 36.0022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3650, 31.6823, 37.2104 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(165, 148, 159)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 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(165, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.3650, 31.6823, 37.2104 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(165, 148, 159) }
```


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

```
.border{ border-color:rgb(165, 148, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 159);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3650, 31.6823, 37.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 159) }
```

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

```
.background{ background-color: rgb(165,  
148, 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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