

Converting Colors

XYZ(29.5452, 29.8542, 37.6587)

Have a look what the booklet for
XYZ(29.5452, 29.8542, 37.6587)
contains.

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Color

**XYZ(29.3865, 29.6751,
37.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	9792A0
RGB	151, 146, 160
RGB Percent	59%, 57%, 63%
CMY	0.4078, 0.4274, 0.3725
CMYK	0.06, 0.09, 0.00, 0.37
HSL	261°, 7%, 60%
HSV	261°, 9%, 63%
XYZ	29.3865, 29.6751, 37.4367
YIQ	149.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

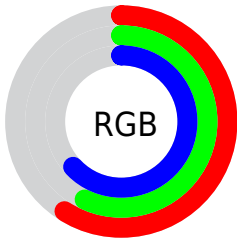
Format	Color
R_{YB}	151, 146, 160
Decimal	9933472
CIE _{Lab}	61.37, 4.59, -6.71
CIE _{LCh}	61, 8.131, 304.384
Yxy	29.6751, 0.3045, 0.3075
Android (android.graphics.Color)	4288123552 (0xFF9792A0)
YUV	149.0910, 5.3781, 1.6742
Hunter-Lab	54.4749, 0.9610, -2.6134

Details

The XYZ color **29.3865, 29.6751, 37.4367** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2777, 34.1862, 32.1457**, and the grayscale version is **28.5846, 30.0732, 32.7497**.

A 20% lighter version of the original color is **58.0969, 59.1940, 72.6535**, and **12.1987, 12.1792, 16.1759** is the 20% darker color. If you saturate the color by 10%, you get **25.2642, 24.1419, 36.5864**, and if you desaturate by 10%, it is **34.0224, 35.9871, 38.4112**.

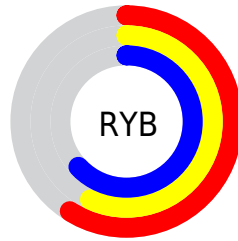
Distribution



Red (59%)

Green (57%)

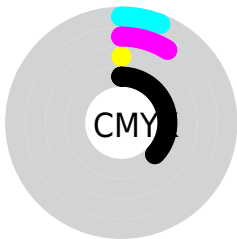
Blue (63%)



Red (59%)

Yellow (57%)

Blue (63%)

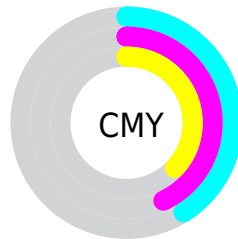


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (37%)



Cyan (41%)

Magenta (43%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3865, 29.6751, 37.4367 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 29.3865, 29.6751, 37.4367 by changing the saturation by 10% instead.

■ 29.3865, 29.6751,
37.4367

■ 29.3865, 29.6751,
37.4367

290.9956,
300.3871, 350.4228

■ 19.5191, 19.5921,
25.2474

■ 58.0839, 59.1480,
72.4377

■ 12.1522, 12.0989,
16.0407

■ 77.6447, 79.3067,
96.0865

■ 6.9204, 6.8111,
9.3983

101.1673,
103.5927, 124.3922

■ 3.4582, 3.3442,
4.9015

129.0171,
132.3905, 157.7733

■ 1.4005, 1.3140,
2.1319

161.5595,
166.0844, 196.6484

■ 0.2566, 0.1520,
0.6347

199.1598,

■ 0.0000, 0.0000,

205.0589, 241.4359

0.0000

242.1834,
249.6983, 292.5546

■ 29.3865, 29.6751,
37.4367

■ 29.3865, 29.6751,
37.4367

■ 25.2642, 24.1419,
36.5864

■ 34.0224, 35.9871,
38.4112

■ 21.6344, 19.3531,
35.8534

■ 39.1867, 43.1031,
39.5125

■ 18.4782, 15.2771,
35.2330

■ 44.8970, 51.0518,
40.7458

■ 15.7747, 11.8786,
34.7195

■ 51.1693, 59.8594,
42.1152

■ 13.5010, 9.1194,
34.3068

■ 58.0186, 69.5508,
43.6249

■ 11.6324, 6.9571,
33.9879

■ 65.4597, 80.1499,
45.2785

■ 10.1409, 5.3441,
33.7552

■ 72.5408, 89.7482,
46.7580

■ 8.9947, 4.2251,
33.5996

■ 75.8078, 91.4324,
46.9108

■ 8.1361, 3.4936,
33.5036

■ 79.2707, 93.2176,
47.0729

Harmonies

Analogous

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



28.3633, 29.6751, 38.5677



29.3865, 29.6751, 37.4367



30.1068, 29.6751, 34.9336

Triad

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



29.3865, 29.6751, 37.4367



29.1067, 29.6751, 27.2708



26.1978, 29.6751, 32.7649

Complementary

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



29.3865, 29.6751, 37.4367



31.2777, 34.1862, 32.1457

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.



26.3856, 29.6751, 29.8234



29.3865, 29.6751, 37.4367



28.0479, 29.6751, 26.7707

Square

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



29.3865, 29.6751, 37.4367



29.9424, 29.6751, 29.0879



27.0562, 29.6751, 27.6762



26.5367, 29.6751, 35.7641

Rectangle

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



29.3865, 29.6751, 37.4367



30.3087, 29.6751, 32.8928



27.0562, 29.6751, 27.6762



26.2015, 29.6751, 31.7363

Sweetspot

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



29.3874, 29.6764, 37.4374



58.0314, 60.2272, 68.9530



29.9382, 32.1260, 37.8811



12.5830, 13.0125, 15.0921



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.



29.3874, 29.6764, 37.4374



52.2203, 52.3457, 67.7380



30.7058, 30.3560, 37.4991



6.4971, 6.5447, 8.3275



6.3073, 2.6805, 26.0922



0.1568, 0.0706, 0.4686

Inverse Universe

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



30.6935, 30.3992, 35.2617



54.9641, 53.8645, 63.1504



29.9909, 33.5229, 32.0854



6.8035, 6.7143, 7.8165



13.2168, 6.5913, 10.6585



0.2558, 0.1257, 0.2933

Previews

White Background



This preview shows how the XYZ color 29.3865, 29.6751, 37.4367 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 29.3865, 29.6751, 37.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

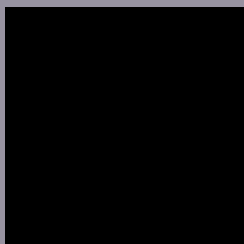
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

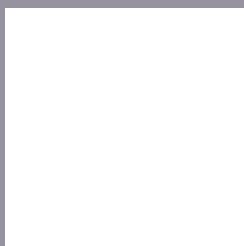
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3865, 29.6751, 37.4367

Background



This preview shows how black text looks on a background with the XYZ color 29.3865, 29.6751, 37.4367.

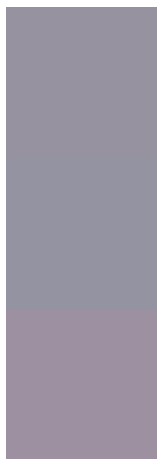


This preview shows how white text looks on a background with the XYZ color 29.3865, 29.6751,

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

29.3865, 29.6751, 37.4367

Protanopia

28.8994, 29.6437, 37.9169

Deuteranopia

30.2230, 29.6527, 37.3883



Tritanopia

29.2129, 29.6057, 36.5225

Trichromacy



Original Color

29.3865, 29.6751, 37.4367

Protanomaly

29.0795, 29.7365, 37.9253

Deuteranomaly

29.9881, 29.7574, 37.4209

Tritanomaly

29.2994, 29.6403, 36.9778

Monochromacy



Original Color

29.3865, 29.6751, 37.4367

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.9174, 29.9637, 34.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3865, 29.6751, 37.4367 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(151, 146, 160)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 160)  
}
```

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(151, 146, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.3865, 29.6751, 37.4367 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(151, 146, 160) }
```


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

```
.border{ border-color:rgb(151, 146, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 146, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 146, 160); box-shadow:4px 4px 4px 4px rgb(151, 146, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3865, 29.6751, 37.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 160) }
```

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

```
.background{ background-color: rgb(151,  
146, 160) }
```

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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