

Converting Colors

XYZ(30.6985, 31.5869, 38.0855)

Have a look what the booklet for
XYZ(30.6985, 31.5869, 38.0855)
contains.

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Color

**XYZ(30.6365, 31.4787,
38.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	9997A1
RGB	153, 151, 161
RGB Percent	60%, 59%, 63%
CMY	0.4000, 0.4078, 0.3686
CMYK	0.05, 0.06, 0.00, 0.37
HSL	252°, 5%, 61%
HSV	252°, 6%, 63%
XYZ	30.6365, 31.4787, 38.1795
YIQ	152.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

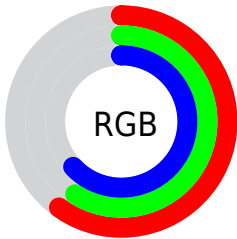
Format	Color
RYB	153, 151, 161
Decimal	10065825
CIELab	62.91, 2.70, -4.98
CIELCh	63, 5.664, 298.416
Yxy	31.4787, 0.3055, 0.3139
Android (android.graphics.Color)	4288255905 (0xFF9997A1)
YUV	152.7380, 4.0732, 0.2298
Hunter-Lab	56.1059, -0.7157, -1.0721

Details

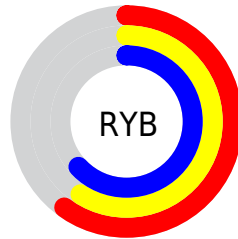
The XYZ color **30.6365, 31.4787, 38.1795** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6300, 35.0959, 34.3341**, and the grayscale version is **30.1486, 31.7187, 34.5417**.

A 20% lighter version of the original color is **59.9581, 61.8859, 73.7508**, and **12.8511, 13.0649, 16.5963** is the 20% darker color. If you saturate the color by 10%, you get **25.9188, 25.4600, 37.2669**, and if you desaturate by 10%, it is **35.9724, 38.3432, 39.2237**.

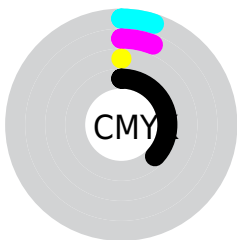
Distribution



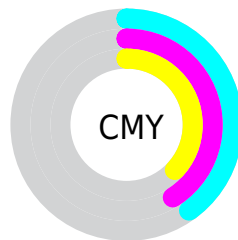
- Red (60%)
- Green (59%)
- Blue (63%)



- Red (60%)
- Yellow (59%)
- Blue (63%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6365, 31.4787, 38.1795 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 30.6365, 31.4787, 38.1795 by changing the saturation by 10% instead.

■ 30.6365, 31.4787,
38.1795

■ 30.6365, 31.4787,
38.1795

296.7170,
308.7377, 353.7106

■ 20.4727, 20.9636,
25.8191

■ 60.0471, 61.9930,
73.5897

■ 12.8494, 13.0974,
16.4638

■ 80.0245, 82.7609,
97.4765

■ 7.4012, 7.4957,
9.6951

104.0039,
107.7154, 126.0426

■ 3.7628, 3.7740,
5.0943

132.3505,
137.2406, 159.7065

■ 1.5688, 1.5479,
2.2430

165.4298,
171.7210, 198.8867

■ 0.3720, 0.3221,
0.6990

203.6071,

■ 0.0000, 0.0000,

211.5411, 244.0017

0.0000

247.2477,
257.0852, 295.4702

■ 30.6365, 31.4787,
38.1795

■ 30.6365, 31.4787,
38.1795

■ 25.9188, 25.4600,
37.2669

■ 35.9724, 38.3432,
39.2237

■ 21.7941, 20.2503,
36.4787

■ 41.9453, 46.0803,
40.4023

■ 18.2393, 15.8159,
35.8102

■ 48.5762, 54.7209,
41.7206

■ 15.2289, 12.1195,
35.2553

■ 55.8847, 64.2929,
43.1830

■ 12.7352, 9.1202,
34.8079

■ 63.8893, 74.8231,
44.7937

■ 10.7282, 6.7737,
34.4607

■ 72.6080, 86.3373,
46.5566

■ 9.1745, 5.0298,
34.2060

■ 79.2179, 93.1802,
47.5291

■ 8.0363, 3.8314,
34.0347

■ 83.4331, 95.3532,
47.7263

■ 7.2643, 3.1001,
33.9342

Harmonies

Analogous

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



29.8783, 31.4787, 38.7346



30.6365, 31.4787, 38.1795



31.2110, 31.4787, 36.5662

Triad

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



30.6365, 31.4787, 38.1795



30.7093, 31.4787, 30.7561



28.4501, 31.4787, 34.1567

Complementary

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



30.6365, 31.4787, 38.1795



32.6300, 35.0959, 34.3341

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.



28.6642, 31.4787, 32.0814



30.6365, 31.4787, 38.1795



29.9609, 31.4787, 30.1714

Square

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



30.6365, 31.4787, 38.1795



31.2535, 31.4787, 32.2780



29.2139, 31.4787, 30.6461



28.6241, 31.4787, 36.3527

Rectangle

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



30.6365, 31.4787, 38.1795



31.4079, 31.4787, 35.1418



29.2139, 31.4787, 30.6461



28.4790, 31.4787, 33.4225

Sweetspot

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



30.6374, 31.4800, 38.1802



58.7180, 61.3184, 69.1274



31.6234, 34.0071, 38.6160



12.9027, 13.4802, 15.1655



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.



30.6374, 31.4800, 38.1802



54.0437, 55.3211, 68.2162



31.5684, 31.9600, 38.2238



7.0393, 7.1970, 8.9212



5.6458, 2.3170, 27.0794



0.1526, 0.0662, 0.5706

Inverse Universe

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



32.0236, 32.2149, 37.3326



56.8797, 56.8246, 66.4745



31.6900, 34.6112, 34.2901



7.4249, 7.4014, 8.6841



14.9090, 7.3197, 17.2432



0.3279, 0.1596, 0.4391

Previews

White Background



This preview shows how the XYZ color 30.6365, 31.4787, 38.1795 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 30.6365, 31.4787, 38.1795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

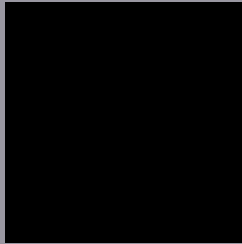
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6365, 31.4787, 38.1795

Background



This preview shows how black text looks on a background with the XYZ color 30.6365, 31.4787, 38.1795.



This preview shows how white text looks on a background with the XYZ color 30.6365, 31.4787,

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

30.6365, 31.4787, 38.1795

Protanopia

30.4485, 31.3818, 38.1707

Deuteranopia

32.2157, 31.5750, 38.5790



Tritanopia

30.8143, 31.5499, 39.1160

Trichromacy



Original Color

30.6365, 31.4787, 38.1795

Protanomaly

30.4485, 31.3818, 38.1707

Deuteranomaly

31.5671, 31.4745, 38.5938

Tritanomaly

30.7251, 31.5142, 38.6459

Monochromacy



Original Color

30.6365, 31.4787, 38.1795

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3659, 31.6291, 35.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6365, 31.4787, 38.1795 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(153, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 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(153, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.6365, 31.4787, 38.1795 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(153, 151, 161) }
```


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

```
.border{ border-color:rgb(153, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(153, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6365, 31.4787, 38.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 161) }
```

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

```
.background{ background-color: rgb(153,  
151, 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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