

Converting Colors

XYZ(30.7953, 31.7354, 38.2863)

Have a look what the booklet for
XYZ(30.7953, 31.7354, 38.2863)
contains.

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Color

**XYZ(30.7981, 31.8020,
38.2334)**

Conversions

Conversions Part 1

Format	Color
Hex	9998A1
RGB	153, 152, 161
RGB Percent	60%, 60%, 63%
CMY	0.4000, 0.4039, 0.3686
CMYK	0.05, 0.06, 0.00, 0.37
HSL	247°, 5%, 61%
HSV	247°, 6%, 63%
XYZ	30.7981, 31.8020, 38.2334
YIQ	153.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

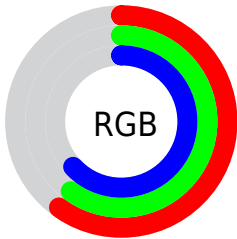
Format	Color
RYB	153, 152, 161
Decimal	10066081
CIELab	63.18, 2.14, -4.58
CIELCh	63, 5.057, 294.991
Yxy	31.8020, 0.3054, 0.3154
Android (android.graphics.Color)	4288256161 (0xFF9998A1)
YUV	153.3250, 3.7838, -0.2850
Hunter-Lab	56.3933, -1.2039, -0.7220

Details

The XYZ color **30.7981, 31.8020, 38.2334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9109, 35.2312, 34.7731**, and the grayscale version is **30.4054, 31.9888, 34.8358**.

A 20% lighter version of the original color is **60.1981, 62.3659, 73.8308**, and **12.9476, 13.2579, 16.6285** is the 20% darker color. If you saturate the color by 10%, you get **25.8187, 25.6164, 37.3024**, and if you desaturate by 10%, it is **36.4583, 38.8669, 39.2992**.

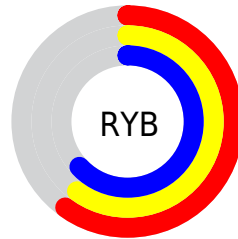
Distribution



Red (60%)

Green (60%)

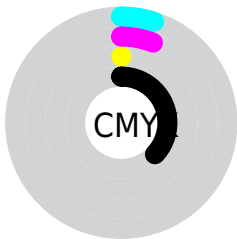
Blue (63%)



Red (60%)

Yellow (60%)

Blue (63%)

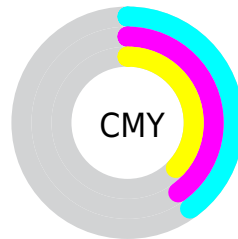


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (37%)



Cyan (40%)

Magenta (40%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7981, 31.8020, 38.2334 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 30.7981, 31.8020, 38.2334 by changing the saturation by 10% instead.

■ 30.7981, 31.8020,
38.2334

■ 30.7981, 31.8020,
38.2334

297.4506,
310.2163, 353.9483

■ 20.5962, 21.2103,
25.8607

■ 60.3001, 62.5006,
73.6731

■ 12.9400, 13.2778,
16.4946

■ 80.3309, 83.3762,
97.5772

■ 7.4639, 7.6201,
9.7167

104.3687,
108.4487, 126.1621

■ 3.8028, 3.8529,
5.1084

132.7789,
138.1023, 159.8464

■ 1.5912, 1.5916,
2.2511

165.9268,
172.7214, 199.0486

■ 0.3867, 0.3519,
0.7037

204.1779,

■ 0.0000, 0.0000,

212.6906, 244.1873

0.0000

247.8973,
258.3941, 295.6810

■ 30.7981, 31.8020,
38.2334

■ 30.7981, 31.8020,
38.2334

■ 25.8187, 25.6164,
37.3024

■ 36.4583, 38.8669,
39.2992

■ 21.4917, 20.2717,
36.4988

■ 42.8207, 46.8394,
40.5027

■ 17.7907, 15.7327,
35.8178

■ 49.9094, 55.7516,
41.8494

■ 14.6867, 11.9604,
35.2532

■ 57.7463, 65.6328,
43.3436

■ 12.1481, 8.9120,
34.7986

■ 66.3524, 76.5109,
44.9897

■ 10.1406, 6.5411,
34.4468

■ 75.7480, 88.4129,
46.7918

■ 8.6258, 4.7955,
34.1897

■ 82.7781, 95.0156,
47.6957

■ 7.5605, 3.6153,
34.0181

■ 83.4331, 95.3532,
47.7263

■ 6.8907, 2.9236,
33.9198

Harmonies

Analogous

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



30.1097, 31.8020, 38.6038



30.7981, 31.8020, 38.2334



31.3408, 31.8020, 36.8820

Triad

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



30.7981, 31.8020, 38.2334



31.0043, 31.8020, 31.5696



28.9079, 31.8020, 34.2921

Complementary

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



30.7981, 31.8020, 38.2334



32.9109, 35.2312, 34.7731

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.



29.1396, 31.8020, 32.4658



30.7981, 31.8020, 38.2334



30.3443, 31.8020, 30.9331

Square

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



30.7981, 31.8020, 38.2334



31.4612, 31.8020, 33.0265



29.6627, 31.8020, 31.2548



29.0252, 31.8020, 36.2784

Rectangle

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



30.7981, 31.8020, 38.2334



31.5434, 31.8020, 35.6332



29.6627, 31.8020, 31.2548



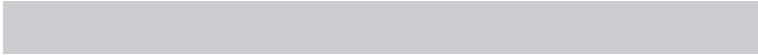
28.9475, 31.8020, 33.6399

Sweetspot

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



30.7990, 31.8034, 38.2341



58.6149, 61.2653, 69.1226



31.9711, 34.4258, 38.6785



12.8814, 13.4692, 15.1645



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.



30.7990, 31.8034, 38.2341



53.7031, 55.1456, 68.2002



31.6452, 32.2396, 38.2737



6.9930, 7.1732, 8.9191



5.3534, 2.1663, 27.0658



0.1327, 0.0559, 0.5697

Inverse Universe

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



32.2725, 32.5731, 37.8458



57.0388, 56.8883, 67.3125



32.0464, 34.7856, 34.7327



7.4465, 7.4101, 8.7981



15.7173, 7.6430, 21.4999



0.3392, 0.1642, 0.4990

Previews

White Background



This preview shows how the XYZ color 30.7981, 31.8020, 38.2334 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 30.7981, 31.8020, 38.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

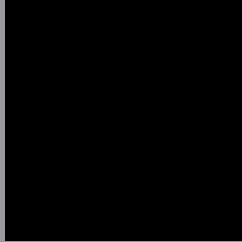
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7981, 31.8020, 38.2334

Background



This preview shows how black text looks on a background with the XYZ color 30.7981, 31.8020, 38.2334.



This preview shows how white text looks on a background with the XYZ color 30.7981, 31.8020,

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

30.7981, 31.8020, 38.2334

Protanopia

30.7981, 31.8020, 38.2334

Deuteranopia

32.4213, 31.6810, 38.5887



Tritanopia

31.0659, 31.9091, 39.6437

Trichromacy



Original Color

30.7981, 31.8020, 38.2334

Protanomaly

30.7981, 31.8020, 38.2334

Deuteranomaly

31.7662, 31.5771, 38.6031

Tritanomaly

30.9760, 31.8731, 39.1698

Monochromacy



Original Color

30.7981, 31.8020, 38.2334

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5289, 31.9551, 36.0114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7981, 31.8020, 38.2334 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, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(153, 152, 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, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 152, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.7981, 31.8020, 38.2334 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, 152, 161) }
```


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

```
.border{ border-color:rgb(153, 152, 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, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(153, 152,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7981, 31.8020, 38.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 152, 161) }
```

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

```
.background{ background-color: rgb(153,  
152, 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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