

Converting Colors

XYZ(30.1775, 31.5280, 38.2810)

Have a look what the booklet for
XYZ(30.1775, 31.5280, 38.2810)
contains.

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Color

**XYZ(30.0557, 31.4192,
38.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	9598A1
RGB	149, 152, 161
RGB Percent	58%, 60%, 63%
CMY	0.4157, 0.4039, 0.3686
CMYK	0.07, 0.06, 0.00, 0.37
HSL	225°, 6%, 61%
HSV	225°, 7%, 63%
XYZ	30.0557, 31.4192, 38.1986
YIQ	152.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

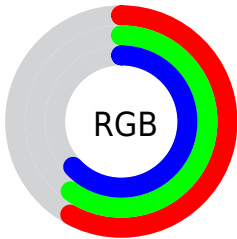
Format	Color
RYB	149, 151, 161
Decimal	9803937
CIELab	62.86, 0.73, -5.09
CIELCh	63, 5.143, 278.155
Yxy	31.4192, 0.3015, 0.3152
Android (android.graphics.Color)	4287994017 (0xFF9598A1)
YUV	152.1290, 4.3734, -2.7441
Hunter-Lab	56.0528, -2.3802, -1.1677

Details

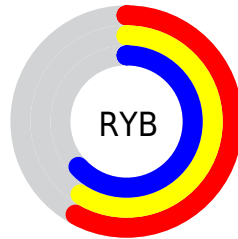
The XYZ color **30.0557, 31.4192, 38.1986** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3498, 34.2006, 33.3308**, and the grayscale version is **29.8846, 31.4409, 34.2392**.

A 20% lighter version of the original color is **59.0946, 61.7970, 73.7791**, and **12.5052, 13.0298, 16.6078** is the 20% darker color. If you saturate the color by 10%, you get **25.4584, 26.2878, 37.4509**, and if you desaturate by 10%, it is **35.2604, 37.1616, 39.0332**.

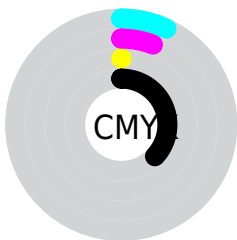
Distribution



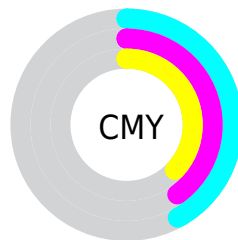
- Red (58%)
- Green (60%)
- Blue (63%)



- Red (58%)
- Yellow (59%)
- Blue (63%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0557, 31.4192, 38.1986 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 30.0557, 31.4192, 38.1986 by changing the saturation by 10% instead.

■ 30.0557, 31.4192,
38.1986

■ 30.0557, 31.4192,
38.1986

294.0692,
308.4649, 353.7948

■ 20.0292, 20.9183,
25.8338

■ 59.1363, 61.8995,
73.6192

■ 12.5246, 13.0643,
16.4747

■ 78.9210, 82.6476,
97.5122

■ 7.1768, 7.4728,
9.7027

102.6892,
107.5802, 126.0850

■ 3.6202, 3.7595,
5.0993

130.8062,
137.0818, 159.7561

■ 1.4896, 1.5400,
2.2459

163.6373,
171.5366, 198.9441

■ 0.3187, 0.3166,
0.7007

201.5479,

■ 0.0000, 0.0000,

211.3292, 244.0675

0.0000

244.9034,
256.8438, 295.5449

■ 30.0557, 31.4192,
38.1986

■ 30.0557, 31.4192,
38.1986

■ 25.4584, 26.2878,
37.4509

■ 35.2604, 37.1616,
39.0332

■ 21.4433, 21.7428,
36.7853

■ 41.0910, 43.5303,
39.9551

■ 17.9873, 17.7642,
36.1995

■ 47.5686, 50.5452,
40.9677

■ 15.0648, 14.3290,
35.6904

■ 54.7127, 58.2241,
42.0734

■ 12.6482, 11.4125,
35.2549

■ 62.5417, 66.5840,
43.2744

■ 10.7072, 8.9883,
34.8893

■ 71.0733, 75.6414,
44.5730

■ 9.2080, 7.0273,
34.5898

■ 77.8158, 84.1187,
45.8539

■ 8.1121, 5.4969,
34.3521

■ 81.4201, 91.3272,
47.0553

■ 7.3611, 4.3531,
34.1709

■ 83.4331, 95.3532,
47.7263

Harmonies

Analogous

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



29.3615, 31.4192, 37.9414



30.0557, 31.4192, 38.1986



30.7083, 31.4192, 37.3544

Triad

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



30.0557, 31.4192, 38.1986



30.9416, 31.4192, 31.8675



28.6224, 31.4192, 32.7859

Complementary

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



30.0557, 31.4192, 38.1986



32.3498, 34.2006, 33.3308

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.



29.0334, 31.4192, 31.2475



30.0557, 31.4192, 38.1986



30.3702, 31.4192, 30.7319

Square

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



30.0557, 31.4192, 38.1986



31.2250, 31.4192, 33.6624



29.6711, 31.4192, 30.5095



28.5412, 31.4192, 34.7638

Rectangle

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



30.0557, 31.4192, 38.1986



31.0293, 31.4192, 36.2995



29.6711, 31.4192, 30.5095



28.7263, 31.4192, 32.2025

Sweetspot

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



30.0566, 31.4205, 38.1993



58.7379, 61.7012, 69.2002



31.2942, 34.3416, 37.2373



12.9069, 13.5593, 15.1806



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.



30.0566, 31.4205, 38.1993



52.3391, 54.6170, 68.1701



30.0926, 30.7249, 38.0631



6.8378, 7.1345, 8.9198



5.7797, 3.3389, 27.2696



0.1564, 0.1401, 0.5847

Inverse Universe

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



31.1136, 31.3397, 34.1165



54.6462, 54.4583, 59.2544



32.3101, 34.9496, 33.4775



7.1431, 7.1137, 7.7399



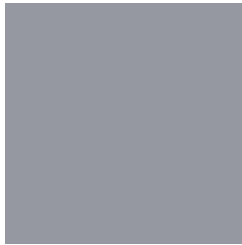
12.0628, 6.1812, 2.2554



0.2711, 0.1369, 0.1404

Previews

White Background



This preview shows how the XYZ color 30.0557, 31.4192, 38.1986 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 30.0557, 31.4192, 38.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

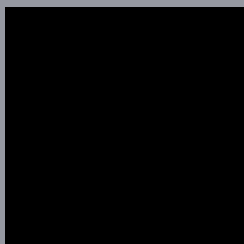
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0557, 31.4192, 38.1986

Background



This preview shows how black text looks on a background with the XYZ color 30.0557, 31.4192, 38.1986.



This preview shows how white text looks on a background with the XYZ color 30.0557, 31.4192,

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

30.0557, 31.4192, 38.1986

Protanopia

30.3607, 31.3467, 37.7080

Deuteranopia

32.0118, 31.4698, 38.5695



Tritanopia

30.3235, 31.5264, 39.6089

Trichromacy



Original Color

30.0557, 31.4192, 38.1986

Protanomaly

30.1743, 31.2506, 37.6993

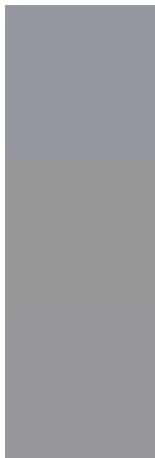
Deuteranomaly

31.1737, 31.2716, 38.5754

Tritanomaly

30.2335, 31.4904, 39.1351

Monochromacy



Original Color

30.0557, 31.4192, 38.1986

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9071, 31.4023, 35.4953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0557, 31.4192, 38.1986 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(149, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 152, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.0557, 31.4192, 38.1986 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(149, 152, 161) }
```


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

```
.border{ border-color:rgb(149, 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(149, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(149, 152,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0557, 31.4192, 38.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 152, 161) }
```

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

```
.background{ background-color: rgb(149,  
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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