

Converting Colors

XYZ(30.1824, 32.1102, 39.2582)

Have a look what the booklet for
XYZ(30.1824, 32.1102, 39.2582)
contains.

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Color

**XYZ(30.1863, 32.1980,
39.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	929BA3
RGB	146, 155, 163
RGB Percent	57%, 61%, 64%
CMY	0.4274, 0.3921, 0.3608
CMYK	0.10, 0.05, 0.00, 0.36
HSL	208°, 8%, 61%
HSV	208°, 10%, 64%
XYZ	30.1863, 32.1980, 39.2742
YIQ	153.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

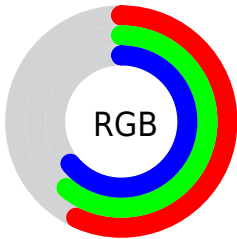
Format	Color
RYB	146, 152, 163
Decimal	9608099
CIELab	63.51, -1.56, -5.29
CIELCh	64, 5.515, 253.531
Yxy	32.1980, 0.2969, 0.3167
Android (android.graphics.Color)	4287798179 (0xFF929BA3)
YUV	153.2210, 4.8210, -6.3328
Hunter-Lab	56.7433, -4.3423, -1.3166

Details

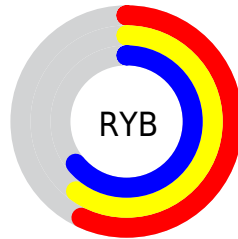
The XYZ color **30.1863, 32.1980, 39.2742** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8484, 32.9731, 31.8807**, and the grayscale version is **30.3574, 31.9383, 34.7809**.

A 20% lighter version of the original color is **59.2748, 62.9422, 75.3546**, and **12.5389, 13.4812, 16.9802** is the 20% darker color. If you saturate the color by 10%, you get **26.2570, 28.3383, 38.7368**, and if you desaturate by 10%, it is **34.6117, 36.4355, 39.8594**.

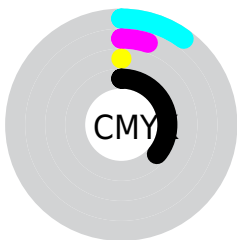
Distribution



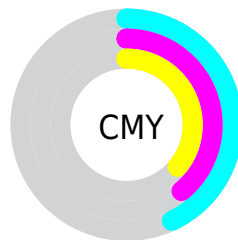
- Red (57%)
- Green (61%)
- Blue (64%)



- Red (57%)
- Yellow (60%)
- Blue (64%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1863, 32.1980, 39.2742 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 30.1863, 32.1980, 39.2742 by changing the saturation by 10% instead.

■ 30.1863, 32.1980,
39.2742

■ 30.1863, 32.1980,
39.2742

294.6661,
312.0202, 358.5156

■ 20.1288, 21.5128,
26.6636

■ 59.3413, 63.1214,
75.2820

■ 12.5975, 13.4993,
17.0906

■ 79.1695, 84.1283,
99.5162

■ 7.2271, 7.7733,
10.1364

102.9853,
109.3446, 128.4622

■ 3.6521, 3.9502,
5.3827

131.1541,
139.1546, 162.5383

■ 1.5073, 1.6458,
2.4109

164.0412,
173.9428, 202.1632

■ 0.3308, 0.3882,
0.7924

202.0120,

■ 0.0000, 0.0000,

214.0935, 247.7553

0.0000

245.4319,
259.9912, 299.7333

■ 30.1863, 32.1980,
39.2742

■ 30.1863, 32.1980,
39.2742

■ 26.2570, 28.3383,
38.7368

■ 34.6117, 36.4355,
39.8594

■ 22.8021, 24.8404,
38.2437

■ 39.5482, 41.0582,
40.4915

■ 19.8024, 21.6931,
37.7943

■ 45.0137, 46.0781,
41.1723

■ 17.2362, 18.8827,
37.3871

■ 51.0241, 51.5056,
41.9032

■ 15.0797, 16.3946,
37.0206

■ 57.5950, 57.3507,
42.6851

■ 13.3070, 14.2130,
36.6929

■ 64.7410, 63.6229,
43.5191

■ 11.8886, 12.3199,
36.4022

■ 70.5741, 69.3508,
44.3172

■ 10.7898, 10.6949,
36.1465

■ 72.4975, 73.1974,
44.9583

■ 9.9638, 9.3501,
35.9305

■ 74.5126, 77.2277,
45.6300

Harmonies

Analogous

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



29.5446, 32.1980, 38.0538



30.1863, 32.1980, 39.2742



30.9502, 32.1980, 39.3348

Triad

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



30.1863, 32.1980, 39.2742



32.0622, 32.1980, 34.0775



29.5969, 32.1980, 32.0792

Complementary

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



30.1863, 32.1980, 39.2742



31.8484, 32.9731, 31.8807

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.



30.2589, 32.1980, 31.1033



30.1863, 32.1980, 39.2742



31.6869, 32.1980, 32.2240

Square

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



30.1863, 32.1980, 39.2742



32.0420, 32.1980, 36.2714



31.0240, 32.1980, 31.1552



29.2082, 32.1980, 33.8722

Rectangle

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



30.1863, 32.1980, 39.2742



31.4266, 32.1980, 38.7048



31.0240, 32.1980, 31.1552



29.7944, 32.1980, 31.6481

Sweetspot

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



30.1872, 32.1994, 39.2749



59.8172, 63.1933, 71.1010



30.7791, 34.6369, 35.6067



13.2917, 14.0567, 15.9502



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.



30.1872, 32.1994, 39.2749



51.9948, 55.6542, 70.0580



28.8321, 29.4890, 38.8232



6.9964, 7.4517, 8.9726



7.7894, 7.3583, 27.9395



0.2106, 0.2484, 0.6027

Inverse Universe

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



31.3003, 30.7116, 35.2901



54.4938, 52.3922, 61.0941



33.2899, 35.8560, 32.3612



7.2231, 7.1457, 8.1614



13.0772, 6.5869, 7.5972



0.2984, 0.1479, 0.2842

Previews

White Background



This preview shows how the XYZ color 30.1863, 32.1980, 39.2742 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 30.1863, 32.1980, 39.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

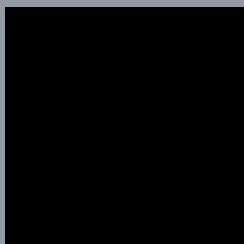
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

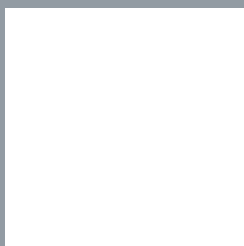
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1863, 32.1980, 39.2742

Background



This preview shows how black text looks on a background with the XYZ color 30.1863, 32.1980, 39.2742.



This preview shows how white text looks on a background with the XYZ color 30.1863, 32.1980,

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

30.1863, 32.1980, 39.2742

Protanopia

31.2392, 32.2611, 38.7630

Deuteranopia

32.7581, 32.0677, 39.5851



Tritanopia

30.5633, 32.1043, 41.1451

Trichromacy



Original Color

30.1863, 32.1980, 39.2742

Protanomaly

30.8397, 32.2991, 38.7914

Deuteranomaly

31.6721, 31.9817, 39.6257

Tritanomaly

30.4712, 32.0674, 40.6600

Monochromacy



Original Color

30.1863, 32.1980, 39.2742

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.2191, 32.0296, 36.4879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1863, 32.1980, 39.2742 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(146, 155, 163) looks like.

```
.text, #text, p{  
    color:rgb(146, 155, 163)  
}
```

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(146, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.1863, 32.1980, 39.2742 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(146, 155, 163) }
```


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

```
.border{ border-color:rgb(146, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(146, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1863, 32.1980, 39.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 155, 163) }
```

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

```
.background{ background-color: rgb(146,  
155, 163) }
```

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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