

Converting Colors

XYZ(30.4941, 30.7480, 39.0407)

Have a look what the booklet for
XYZ(30.4941, 30.7480, 39.0407)
contains.

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Color

**XYZ(30.5272, 30.6942,
38.9659)**

Conversions

Conversions Part 1

Format	Color
Hex	9A94A3
RGB	154, 148, 163
RGB Percent	60%, 58%, 64%
CMY	0.3961, 0.4196, 0.3608
CMYK	0.06, 0.09, 0.00, 0.36
HSL	264°, 8%, 61%
HSV	264°, 9%, 64%
XYZ	30.5272, 30.6942, 38.9659
YIQ	151.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

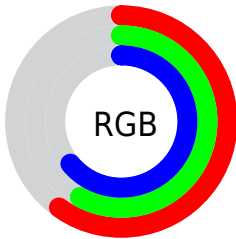
Format	Color
RYB	154, 148, 163
Decimal	10130595
CIELab	62.25, 5.14, -7.08
CIELCh	62, 8.749, 305.949
Yxy	30.6942, 0.3047, 0.3064
Android (android.graphics.Color)	4288320675 (0xFF9A94A3)
YUV	151.5040, 5.6675, 2.1890
Hunter-Lab	55.4023, 1.4010, -2.9185

Details

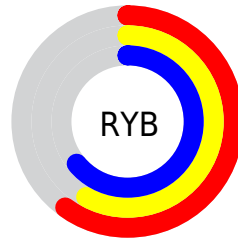
The XYZ color **30.5272, 30.6942, 38.9659** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3482, 35.5014, 33.1660**, and the grayscale version is **29.6090, 31.1510, 33.9235**.

A 20% lighter version of the original color is **59.7878, 60.7129, 74.8973**, and **12.7375, 12.5807, 16.7959** is the 20% darker color. If you saturate the color by 10%, you get **26.3621, 25.0157, 38.0898**, and if you desaturate by 10%, it is **35.2059, 37.1736, 39.9704**.

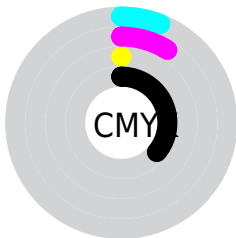
Distribution



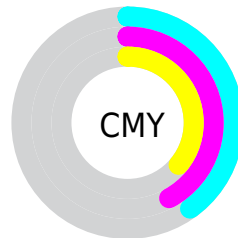
- Red (60%)
- Green (58%)
- Blue (64%)



- Red (60%)
- Yellow (58%)
- Blue (64%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5272, 30.6942, 38.9659 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 30.5272, 30.6942, 38.9659 by changing the saturation by 10% instead.

■ 30.5272, 30.6942,
38.9659

■ 30.5272, 30.6942,
38.9659

296.2201,
305.1270, 357.1671

■ 20.3891, 20.3661,
26.4256

■ 59.8758, 60.7583,
74.8060

■ 12.7881, 12.6614,
16.9137

■ 79.8171, 81.2631,
98.9428

■ 7.3588, 7.1958,
10.0117

103.7569,
105.9289, 127.7823

■ 3.7358, 3.5849,
5.3010

132.0605,
135.1401, 161.7428

■ 1.5538, 1.4442,
2.3631

165.0932,
169.2811, 201.2430

■ 0.3620, 0.2489,
0.7663

203.2205,

■ 0.0000, 0.0000,

208.7364, 246.7015

0.0000

246.8077,
253.8902, 298.5367

■ 30.5272, 30.6942,
38.9659

■ 30.5272, 30.6942,
38.9659

■ 26.3621, 25.0157,
38.0898

■ 35.2059, 37.1736,
39.9704

■ 22.6893, 20.1025,
37.3351

■ 40.4130, 44.4800,
41.1063

■ 19.4900, 15.9219,
36.6967

■ 46.1662, 52.6430,
42.3787

■ 16.7430, 12.4372,
36.1689

■ 52.4813, 61.6898,
43.7920

■ 14.4254, 9.6088,
35.7451

■ 59.3737, 71.6461,
45.3505

■ 12.5121, 7.3927,
35.4182

■ 66.8579, 82.5367,
47.0581

■ 10.9749, 5.7391,
35.1801

■ 72.6398, 89.7685,
48.1493

■ 9.7815, 4.5905,
35.0213

■ 75.7318, 91.3625,
48.2940

■ 8.8697, 3.8298,
34.9225

■ 79.0007, 93.0477,
48.4470

Harmonies

Analogous

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



29.4099, 30.6942, 40.3142



30.5272, 30.6942, 38.9659



31.2967, 30.6942, 36.1415

Triad

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



30.5272, 30.6942, 38.9659



30.1091, 30.6942, 27.8277



26.9735, 30.6942, 34.0992

Complementary

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



30.5272, 30.6942, 38.9659



32.3482, 35.5014, 33.1660

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.



27.1493, 30.6942, 30.8401



30.5272, 30.6942, 38.9659



28.9392, 30.6942, 27.3616

Square

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



30.5272, 30.6942, 38.9659



31.0508, 30.6942, 29.7470



27.8612, 30.6942, 28.4284



27.3742, 30.6942, 37.3852

Rectangle

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



30.5272, 30.6942, 38.9659



31.4978, 30.6942, 33.8823



27.8612, 30.6942, 28.4284



26.9673, 30.6942, 32.9635

Sweetspot

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



30.5281, 30.6955, 38.9666



59.7102, 61.9291, 70.8626



30.9240, 33.1399, 39.4175



13.2616, 13.7024, 15.8834



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.



30.5281, 30.6955, 38.9666



53.1058, 52.8221, 69.4528



31.9501, 31.4285, 39.0331



6.9560, 6.9917, 8.8860



6.8902, 2.9585, 27.1377



0.1973, 0.0892, 0.5727

Inverse Universe

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



31.7810, 31.4020, 36.2859



55.8135, 54.3495, 63.6369



30.9753, 34.7936, 33.1018



7.2438, 7.1540, 8.2702



13.4682, 6.7434, 9.6563



0.3054, 0.1507, 0.3209

Previews

White Background



This preview shows how the XYZ color 30.5272, 30.6942, 38.9659 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 30.5272, 30.6942, 38.9659 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 30.5272, 30.6942, 38.9659

Background



This preview shows how black text looks on a background with the XYZ color 30.5272, 30.6942, 38.9659.



This preview shows how white text looks on a background with the XYZ color 30.5272, 30.6942,

38.9659.

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

30.5272, 30.6942, 38.9659

Protanopia

29.8427, 30.5648, 39.4487

Deuteranopia

31.1878, 30.5730, 38.9077



Tritanopia

30.2615, 30.5879, 37.5668

Trichromacy



Original Color

30.5272, 30.6942, 38.9659

Protanomaly

30.2108, 30.7545, 39.4659

Deuteranomaly

30.9492, 30.6799, 38.9409

Tritanomaly

30.3494, 30.6230, 38.0295

Monochromacy



Original Color

30.5272, 30.6942, 38.9659

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2042, 31.3058, 35.9032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5272, 30.6942, 38.9659 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(154, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 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(154, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.5272, 30.6942, 38.9659 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(154, 148, 163) }
```


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

```
.border{ border-color:rgb(154, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5272, 30.6942, 38.9659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 163) }
```

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

```
.background{ background-color: rgb(154,  
148, 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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