

Converting Colors

XYZ(30.5835, 30.5582, 38.6633)

Have a look what the booklet for
XYZ(30.5835, 30.5582, 38.6633)
contains.

XYZ(30.4729, 30.4446, 38.4527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.4729, 30.4446,
38.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	9B93A2
RGB	155, 147, 162
RGB Percent	61%, 58%, 64%
CMY	0.3922, 0.4235, 0.3647
CMYK	0.04, 0.09, 0.00, 0.36
HSL	272°, 7%, 61%
HSV	272°, 9%, 64%
XYZ	30.4729, 30.4446, 38.4527
YIQ	151.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

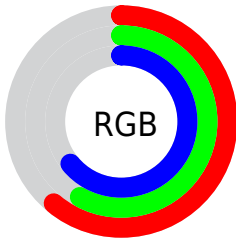
Format	Color
RYB	155, 147, 162
Decimal	10195874
CIELab	62.04, 5.85, -6.82
CIELCh	62, 8.988, 310.607
Yxy	30.4446, 0.3067, 0.3064
Android (android.graphics.Color)	4288385954 (0xFF9B93A2)
YUV	151.1020, 5.3727, 3.4185
Hunter-Lab	55.1766, 2.0227, -2.6957

Details

The XYZ color **30.4729, 30.4446, 38.4527** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5142, 34.8180, 32.6648**, and the grayscale version is **29.4375, 30.9706, 33.7270**.

A 20% lighter version of the original color is **59.7055, 60.3384, 74.1453**, and **12.7063, 12.4346, 16.4823** is the 20% darker color. If you saturate the color by 10%, you get **26.7234, 25.0324, 37.6061**, and if you desaturate by 10%, it is **34.6698, 36.6158, 39.4231**.

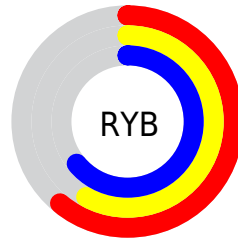
Distribution



Red (61%)

Green (58%)

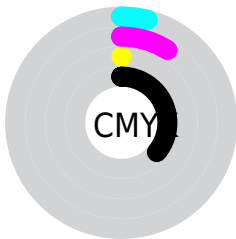
Blue (64%)



Red (61%)

Yellow (58%)

Blue (64%)

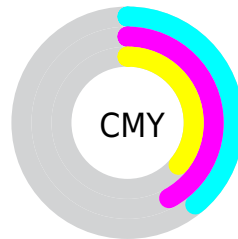


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (39%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4729, 30.4446, 38.4527 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 30.4729, 30.4446, 38.4527 by changing the saturation by 10% instead.

■ 30.4729, 30.4446,
38.4527

■ 30.4729, 30.4446,
38.4527

295.9730,
303.9714, 354.9142

■ 20.3477, 20.1763,
26.0297

■ 59.7908, 60.3646,
74.0126

■ 12.7577, 12.5233,
16.6199

■ 79.7141, 80.7850,
97.9865

■ 7.3378, 7.1011,
9.8048

103.6341,
105.3584, 126.6479

■ 3.7224, 3.5254,
5.1658

131.9163,
134.4689, 160.4151

■ 1.5463, 1.4118,
2.2844

164.9259,
168.5011, 199.7068

■ 0.3570, 0.2254,
0.7225

203.0283,

■ 0.0000, 0.0000,

207.8393, 244.9416

0.0000

246.5889,
252.8679, 296.5378

■ 30.4729, 30.4446,
38.4527

■ 30.4729, 30.4446,
38.4527

■ 26.7234, 25.0324,
37.6061

■ 34.6698, 36.6158,
39.4231

■ 23.4023, 20.3449,
36.8764

■ 39.3269, 43.5707,
40.5201

■ 20.4929, 16.3510,
36.2588

■ 44.4599, 51.3376,
41.7487

■ 17.9766, 13.0158,
35.7477

■ 50.0827, 59.9423,
43.1132

■ 15.8328, 10.3011,
35.3367

■ 56.2088, 69.4095,
44.6177

14.0392, 8.1648,
35.0189

62.8510, 79.7627,
46.2660

12.5706, 6.5594,
34.7864

68.2734, 87.5279,
47.4790

11.3976, 5.4292,
34.6301

70.4492, 88.6496,
47.5809

10.4610, 4.6589,
34.5308

72.7278, 89.8242,
47.6875

Harmonies

Analogous

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



29.3658, 30.4446, 40.1170



30.4729, 30.4446, 38.4527



31.1804, 30.4446, 35.4042

Triad

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



30.4729, 30.4446, 38.4527



29.7138, 30.4446, 27.2691



26.7160, 30.4446, 34.3870

Complementary

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



30.4729, 30.4446, 38.4527



31.5142, 34.8180, 32.6648

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.



26.8033, 30.4446, 30.9917



30.4729, 30.4446, 38.4527



28.5118, 30.4446, 27.0385

Square

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



30.4729, 30.4446, 38.4527



30.7337, 30.4446, 29.0103



27.4530, 30.4446, 28.3569



27.2111, 30.4446, 37.6637

Rectangle

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



30.4729, 30.4446, 38.4527



31.3188, 30.4446, 33.0786



27.4530, 30.4446, 28.3569



26.6786, 30.4446, 33.2195

Sweetspot

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



30.4738, 30.4459, 38.4534



59.9487, 62.0520, 70.8737



30.1522, 32.0066, 38.7716



13.3286, 13.7369, 15.8865



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.



30.4738, 30.4459, 38.4534



53.9311, 53.2476, 69.4915



31.8342, 31.1498, 38.4011



7.0442, 7.0372, 8.8901



8.2401, 3.6544, 27.2008



0.2271, 0.1046, 0.5741

Inverse Universe

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



31.1677, 30.8832, 34.8914



55.4486, 54.2036, 61.7153



30.2401, 34.1589, 32.7076



7.2049, 7.1384, 8.0653



12.7772, 6.4669, 6.0174



0.2923, 0.1454, 0.2519

Previews

White Background



This preview shows how the XYZ color 30.4729, 30.4446, 38.4527 looks on a white background.

Color Contrast Check

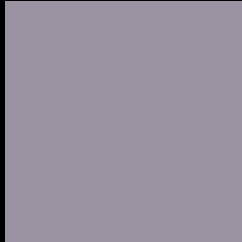
Large Text (above 18pt) WCAG AA × Fail

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 30.4729, 30.4446, 38.4527 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 30.4729, 30.4446, 38.4527

Background



This preview shows how black text looks on a background with the XYZ color 30.4729, 30.4446, 38.4527.



This preview shows how white text looks on a background with the XYZ color 30.4729, 30.4446,

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

30.4729, 30.4446, 38.4527

Protanopia

29.7527, 30.5288, 38.9748

Deuteranopia

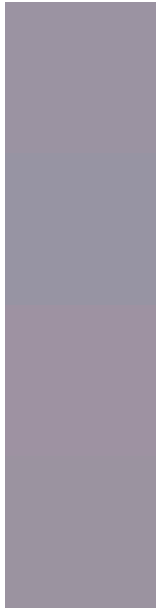
31.0985, 30.5373, 38.4376



Tritanopia

30.2093, 30.3392, 37.0647

Trichromacy



Original Color

30.4729, 30.4446, 38.4527

Protanomaly

29.9633, 30.4035, 38.9396

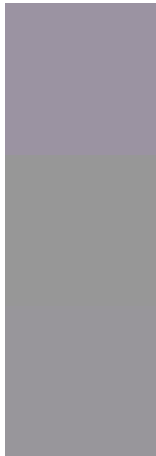
Deuteranomaly

30.9010, 30.4355, 38.4284

Tritanomaly

30.2965, 30.3741, 37.5237

Monochromacy



Original Color

30.4729, 30.4446, 38.4527

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7716, 30.8547, 35.3968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4729, 30.4446, 38.4527 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(155, 147, 162)` looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 162)  
}
```

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(155, 147, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.4729, 30.4446, 38.4527 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(155, 147, 162) }
```


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

```
.border{ border-color:rgb(155, 147, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 147, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 147, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 147, 162);  
box-shadow:4px 4px 4px 4px rgb(155, 147,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4729, 30.4446, 38.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 162) }
```

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

```
.background{ background-color: rgb(155,  
147, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor