

Converting Colors

XYZ(30.5598, 32.3270, 42.1652)

Have a look what the booklet for
XYZ(30.5598, 32.3270, 42.1652)
contains.

XYZ(30.5598, 32.3270, 42.1652)	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(30.5598, 32.3270,
42.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	919BA9
RGB	145, 155, 169
RGB Percent	57%, 61%, 66%
CMY	0.4314, 0.3921, 0.3373
CMYK	0.14, 0.08, 0.00, 0.34
HSL	215°, 12%, 62%
HSV	215°, 14%, 66%
XYZ	30.5598, 32.3270, 42.1652
YIQ	153.6060, -10.4540, 2.2340

Conversions

Conversions Part 2

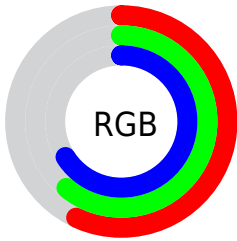
Format	Color
RYB	145, 152, 169
Decimal	9542569
CIELab	63.61, -0.62, -8.52
CIElCh	64, 8.539, 265.841
Yxy	32.3270, 0.2909, 0.3077
Android (android.graphics.Color)	4287732649 (0xFF919BA9)
YUV	153.6060, 7.5892, -7.5475
Hunter-Lab	56.8568, -3.5581, -4.1699

Details

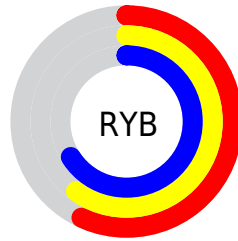
The XYZ color **30.5598, 32.3270, 42.1652** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8713, 35.2754, 31.8122**, and the grayscale version is **30.5145, 32.1036, 34.9608**.

A 20% lighter version of the original color is **59.8082, 63.1249, 79.5531**, and **12.7773, 13.5647, 18.7744** is the 20% darker color. If you saturate the color by 10%, you get **26.2267, 27.7573, 41.5121**, and if you desaturate by 10%, it is **35.4718, 37.3956, 42.8852**.

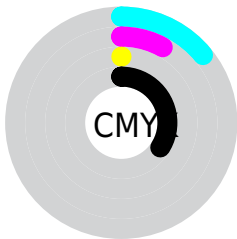
Distribution



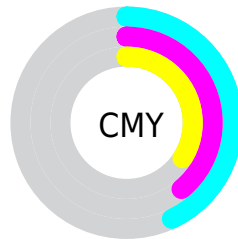
- Red (57%)
- Green (61%)
- Blue (66%)



- Red (57%)
- Yellow (60%)
- Blue (66%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (43%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5598, 32.3270, 42.1652 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 30.5598, 32.3270, 42.1652 by changing the saturation by 10% instead.

■ 30.5598, 32.3270,
42.1652

■ 30.5598, 32.3270,
42.1652

296.3684,
312.6062, 370.9871

■ 20.4141, 21.6114,
28.9041

■ 59.9269, 63.3234,
79.7224

■ 12.8064, 13.5716,
18.7634

■ 79.8790, 84.3729,
104.8556

■ 7.3714, 7.8233,
11.3243

103.8306,
109.6359, 134.7832

■ 3.7438, 3.9821,
6.1685

132.1470,
139.4967, 169.9238

■ 1.5583, 1.6636,
2.8774

165.1937,
174.3398, 210.6960

■ 0.3650, 0.3999,
1.0324

203.3359,

■ 0.0000, 0.0000,

214.5494, 257.5183

0.0000

246.9390,
260.5101, 310.8091

■ 30.5598, 32.3270,
42.1652

■ 30.5598, 32.3270,
42.1652

■ 26.2267, 27.7573,
41.5121

■ 35.4718, 37.3956,
42.8852

■ 22.4469, 23.6662,
40.9216

■ 40.9811, 42.9746,
43.6717

■ 19.1971, 20.0374,
40.3925

■ 47.1089, 49.0803,
44.5272

■ 16.4512, 16.8525,
39.9224

■ 53.8745, 55.7268,
45.4535

■ 14.1806, 14.0913,
39.5091

■ 61.2963, 62.9278,
46.4523

■ 12.3535, 11.7320,
39.1501

■ 69.3918, 70.6964,
47.5251

■ 10.9339, 9.7501,
38.8423

■ 75.0575, 77.4365,
48.5274

■ 9.8789, 8.1173,
38.5828

■ 77.7839, 82.8893,
49.4362

■ 9.3789, 7.2993,
38.4512

■ 80.6664, 88.6544,
50.3971

Harmonies

Analogous

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



29.4559, 32.3270, 40.9190



30.5598, 32.3270, 42.1652



31.7365, 32.3270, 41.4479

Triad

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



30.5598, 32.3270, 42.1652



32.8368, 32.3270, 32.4123



28.8667, 32.3270, 31.6375

Complementary

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



30.5598, 32.3270, 42.1652



33.8713, 35.2754, 31.8122

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.



29.7369, 32.3270, 29.6113



30.5598, 32.3270, 42.1652



32.0318, 32.3270, 30.0379

Square

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



30.5598, 32.3270, 42.1652



33.0707, 32.3270, 35.6772



30.8925, 32.3270, 29.0450



28.4945, 32.3270, 34.7244

Rectangle

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



30.5598, 32.3270, 42.1652



32.4009, 32.3270, 39.9761



30.8925, 32.3270, 29.0450



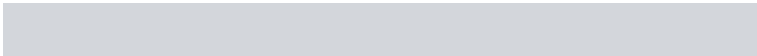
29.1095, 32.3270, 30.8178

Sweetspot

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



30.5608, 32.3283, 42.1659



63.6478, 67.0958, 76.8213



32.0889, 36.8856, 38.0481



13.7246, 14.4728, 16.7223



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5608, 32.3283, 42.1659



52.2144, 55.2633, 75.1400



29.2484, 29.2821, 41.6471



7.3791, 7.7951, 9.5340



7.0404, 5.5411, 28.6740



0.2221, 0.2365, 0.7146

Inverse Universe

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



32.4047, 31.0530, 35.2978



56.1775, 52.6271, 60.3553



35.3203, 38.6800, 32.3930



7.6559, 7.5922, 8.5053



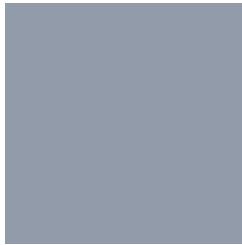
13.0543, 6.6304, 5.0974



0.3433, 0.1716, 0.2592

Previews

White Background



This preview shows how the XYZ color 30.5598, 32.3270, 42.1652 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 30.5598, 32.3270, 42.1652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

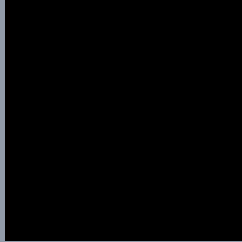
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5598, 32.3270, 42.1652

Background



This preview shows how black text looks on a background with the XYZ color 30.5598, 32.3270, 42.1652.

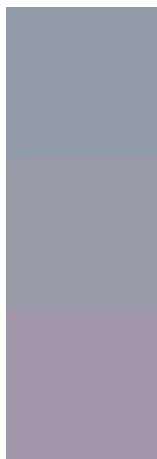


This preview shows how white text looks on a background with the XYZ color 30.5598, 32.3270,

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

30.5598, 32.3270, 42.1652

Protanopia

31.5960, 32.3819, 41.6308

Deuteranopia

32.8600, 32.2920, 42.5313



Tritanopia

30.4663, 32.2896, 41.6726

Trichromacy



Original Color

30.5598, 32.3270, 42.1652

Protanomaly

31.2012, 32.4224, 41.6595

Deuteranomaly

32.0015, 32.3273, 42.5833

Tritanomaly

30.4663, 32.2896, 41.6726

Monochromacy



Original Color

30.5598, 32.3270, 42.1652

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5761, 32.1937, 37.4034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5598, 32.3270, 42.1652 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(145, 155, 169)` looks like.

```
.text, #text, p{  
    color:rgb(145, 155, 169)  
}
```

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(145, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 155, 169) }
```

Border

The CSS property to change the border of an element to XYZ 30.5598, 32.3270, 42.1652 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(145, 155, 169) }
```


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

```
.border{ border-color:rgb(145, 155, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(145, 155,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5598, 32.3270, 42.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 155, 169) }
```

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

```
.background{ background-color: rgb(145,  
155, 169) }
```

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