

Converting Colors

XYZ(32.0163, 32.8569, 53.6895)

Have a look what the booklet for
XYZ(32.0163, 32.8569, 53.6895)
contains.

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Color

**XYZ(32.1098, 32.8670,
53.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9BBF
RGB	141, 155, 191
RGB Percent	55%, 61%, 75%
CMY	0.4471, 0.3921, 0.2510
CMYK	0.26, 0.19, 0.00, 0.25
HSL	223°, 28%, 65%
HSV	223°, 26%, 75%
XYZ	32.1098, 32.8670, 53.9418
YIQ	154.9180, -19.9000, 8.2280

Conversions

Conversions Part 2

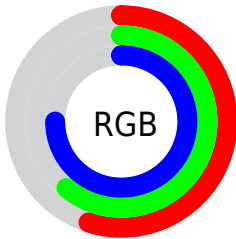
Format	Color
R_{YB}	141, 152, 191
Decimal	9280447
CIE Lab	64.05, 3.18, -20.23
CIE LCh	64, 20.478, 278.923
Yxy	32.8670, 0.2700, 0.2764
Android (android.graphics.Color)	4287470527 (0xFF8D9BBF)
YUV	154.9180, 17.7884, -12.2061
Hunter-Lab	57.3297, -0.3511, -15.6554

Details

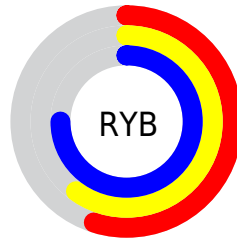
The XYZ color **32.1098, 32.8670, 53.9418** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.0161, 44.4439, 31.5642**, and the grayscale version is **31.0504, 32.6675, 35.5749**.

A 20% lighter version of the original color is **62.0946, 63.9184, 97.0604**, and **13.6821, 13.8804, 25.6250** is the 20% darker color. If you saturate the color by 10%, you get **26.9783, 27.0161, 53.0835**, and if you desaturate by 10%, it is **38.0641, 39.5305, 54.9147**.

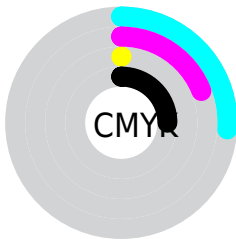
Distribution



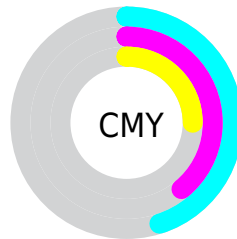
- Red (55%)
- Green (61%)
- Blue (75%)



- Red (55%)
- Yellow (60%)
- Blue (75%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1098, 32.8670, 53.9418 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 32.1098, 32.8670, 53.9418 by changing the saturation by 10% instead.

■ 32.1098, 32.8670,
53.9418

■ 32.1098, 32.8670,
53.9418

303.3555,
315.0500, 419.0564

■ 21.6013, 22.0246,
38.1623

■ 62.3472, 64.1678,
97.4443

■ 13.6792, 13.8750,
25.8058

■ 82.8069, 85.3950,
126.0044

■ 7.9781, 8.0337,
16.4540

■ 107.3143,
110.8526, 159.6618

■ 4.1326, 4.1166,
9.6882

136.2349,
140.9250, 198.8349

■ 1.7774, 1.7390,
5.0898

169.9339,
175.9965, 243.9424

■ 0.5040, 0.4487,
2.2404

208.7768,

■ 0.0000, 0.0000,

216.4516, 295.4028

0.6975

253.1289,
262.6746, 353.6346

■ 0.0000, 0.0000,
0.0000

■ 32.1098, 32.8670,
53.9418

■ 32.1098, 32.8670,
53.9418

■ 26.9783, 27.0161,
53.0835

■ 38.0641, 39.5305,
54.9147

■ 22.6290, 21.9418,
52.3333

■ 44.8731, 47.0331,
56.0040

■ 19.0226, 17.6107,
51.6874

■ 52.5708, 55.4048,
57.2142

■ 16.1147, 13.9857,
51.1409

■ 61.1881, 64.6730,
58.5489

■ 13.8559, 11.0258,
50.6887

■ 70.7548, 74.8636,
60.0117

■ 12.1898, 8.6854,
50.3247

■ 81.0769, 85.8872,
61.5954

■ 11.0462, 6.9103,
50.0424

■ 85.2238, 94.1811,
62.9778

■ 10.6994, 6.3523,
49.9530

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



29.2813, 32.8670, 52.8025



32.1098, 32.8670, 53.9418



34.8655, 32.8670, 49.6645

Triad

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



32.1098, 32.8670, 53.9418



35.7690, 32.8670, 26.6827



26.3314, 32.8670, 30.3585

Complementary

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



32.1098, 32.8670, 53.9418



42.0161, 44.4439, 31.5642

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.



27.8733, 32.8670, 24.7696



32.1098, 32.8670, 53.9418



33.2822, 32.8670, 22.8861

Square

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



32.1098, 32.8670, 53.9418



37.0621, 32.8670, 33.3722



30.3843, 32.8670, 22.2443



26.0604, 32.8670, 38.3147

Rectangle

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



32.1098, 32.8670, 53.9418



36.2490, 32.8670, 44.6545



30.3843, 32.8670, 22.2443



26.7135, 32.8670, 28.1780

Sweetspot

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



32.1108, 32.8683, 53.9426



77.8668, 81.4957, 99.9054



37.5352, 46.0927, 48.4271



16.6787, 17.4342, 21.8714



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.1108, 32.8683, 53.9426



52.4469, 53.1205, 95.7682



31.8474, 29.4716, 53.3008



9.2282, 9.6487, 12.0482



7.0910, 4.2938, 32.8479



0.3351, 0.2828, 1.3058

Inverse Universe

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



36.9280, 32.4936, 35.3373



62.5126, 52.6519, 56.8207



42.3004, 48.9086, 32.4110



9.6370, 9.5791, 10.4776



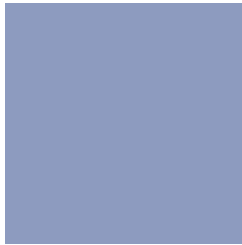
14.5800, 7.4632, 3.0819



0.6000, 0.3039, 0.2731

Previews

White Background



This preview shows how the XYZ color 32.1098, 32.8670, 53.9418 looks on a white background.

Color Contrast Check

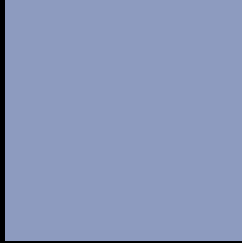
Large Text (above 18pt) WCAG AA × Fail

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 32.1098, 32.8670, 53.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

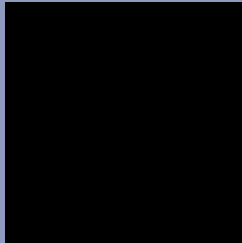
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1098, 32.8670, 53.9418

Background



This preview shows how black text looks on a background with the XYZ color 32.1098, 32.8670, 53.9418.



This preview shows how white text looks on a background with the XYZ color 32.1098, 32.8670,

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

32.1098, 32.8670, 53.9418

Protanopia

32.8825, 33.0320, 53.3579

Deuteranopia

33.5052, 32.8416, 54.4423



Tritanopia

29.8941, 32.7124, 43.2666

Trichromacy



Original Color

32.1098, 32.8670, 53.9418

Protanomaly

32.5269, 32.8487, 53.3413

Deuteranomaly

32.9383, 32.7913, 54.4625

Tritanomaly

30.5741, 32.7316, 46.8259

Monochromacy



Original Color

32.1098, 32.8670, 53.9418

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3669, 32.7539, 41.7147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1098, 32.8670, 53.9418 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(141, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(141, 155, 191)  
}
```

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(141, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 155, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.1098, 32.8670, 53.9418 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(141, 155, 191) }
```


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

```
.border{ border-color:rgb(141, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(141, 155,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1098, 32.8670, 53.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 155, 191) }
```

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

```
.background{ background-color: rgb(141,  
155, 191) }
```

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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