

Converting Colors

XYZ(32.0151, 32.3544, 54.0756)

Have a look what the booklet for
XYZ(32.0151, 32.3544, 54.0756)
contains.

XYZ(31.9505, 32.2948, 53.8398)	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(31.9505, 32.2948,
53.8398)**

Conversions

Conversions Part 1

Format	Color
Hex	8E99BF
RGB	142, 153, 191
RGB Percent	56%, 60%, 75%
CMY	0.4431, 0.4000, 0.2510
CMYK	0.26, 0.20, 0.00, 0.25
HSL	227°, 28%, 65%
HSV	227°, 26%, 75%
XYZ	31.9505, 32.2948, 53.8398
YIQ	154.0430, -18.7540, 9.4860

Conversions

Conversions Part 2

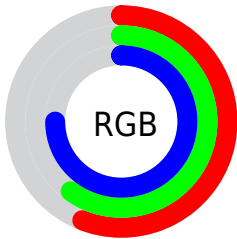
Format	Color
R_{YB}	142, 151, 191
Decimal	9345471
CIE _{Lab}	63.59, 4.61, -20.94
CIE _{LCh}	64, 21.439, 282.428
Y _{xy}	32.2948, 0.2706, 0.2735
Android (android.graphics.Color)	4287535551 (0xFF8E99BF)
YUV	154.0430, 18.2198, -10.5617
Hunter-Lab	56.8285, 0.9075, -16.3919

Details

The XYZ color **31.9505, 32.2948, 53.8398** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.6900, 45.6721, 32.1577**, and the grayscale version is **30.6633, 32.2602, 35.1313**.

A 20% lighter version of the original color is **61.8663, 63.0768, 96.9100**, and **13.5811, 13.5330, 25.5632** is the 20% darker color. If you saturate the color by 10%, you get **26.6744, 26.1973, 52.9415**, and if you desaturate by 10%, it is **38.0911, 39.2863, 54.8662**.

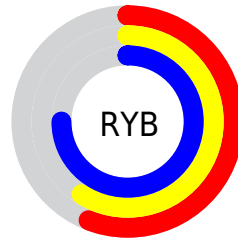
Distribution



Red (56%)

Green (60%)

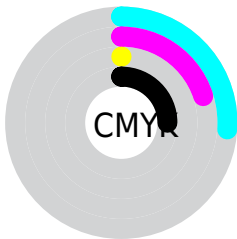
Blue (75%)



Red (56%)

Yellow (59%)

Blue (75%)

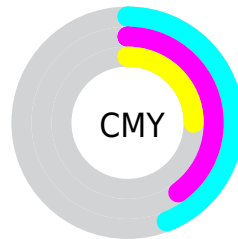


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9505, 32.2948, 53.8398 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 31.9505, 32.2948, 53.8398 by changing the saturation by 10% instead.

■ 31.9505, 32.2948,
53.8398

■ 31.9505, 32.2948,
53.8398

302.6430,
312.4600, 418.6562

■ 21.4791, 21.5868,
38.0813

■ 62.0992, 63.2730,
97.2930

■ 13.5891, 13.5536,
25.7435

■ 82.5072, 84.3119,
125.8248

■ 7.9152, 7.8108,
16.4078

106.9580,
109.5632, 159.4514

■ 4.0921, 3.9741,
9.6557

135.8171,
139.4114, 198.5915

■ 1.7544, 1.6591,
5.0687

169.4498,
174.2407, 243.6634

■ 0.4899, 0.3970,
2.2282

208.2214,

■ 0.0000, 0.0000,

214.4357, 295.0858

0.6906

252.4974,
260.3806, 353.2772

■ 0.0000, 0.0000,
0.0000

■ 31.9505, 32.2948,
53.8398

■ 31.9505, 32.2948,
53.8398

■ 26.6744, 26.1973,
52.9415

■ 38.0911, 39.2863,
54.8662

■ 22.2202, 20.9531,
52.1640

■ 45.1303, 47.2025,
56.0232

■ 18.5460, 16.5242,
51.5028

■ 53.1036, 56.0772,
57.3159

■ 15.6051, 12.8681,
50.9521

■ 62.0443, 65.9416,
58.7487

■ 13.3455, 9.9380,
50.5056

■ 71.9834, 76.8252,
60.3256

■ 11.7076, 7.6818,
50.1565

■ 82.3588, 88.4511,
62.0228

■ 10.6197, 6.0387,
49.8967

■ 86.4041, 96.5416,
63.3712

■ 10.2637, 5.4808,
49.8077

Harmonies

Analogous

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



28.9904, 32.2948, 53.3328



31.9505, 32.2948, 53.8398



34.7439, 32.2948, 48.7861

Triad

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



31.9505, 32.2948, 53.8398



35.1421, 32.2948, 25.1749



25.5292, 32.2948, 30.4186

Complementary

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



31.9505, 32.2948, 53.8398



42.6900, 45.6721, 32.1577

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.



26.9740, 32.2948, 24.3470



31.9505, 32.2948, 53.8398



32.4657, 32.2948, 21.6751

Square

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



31.9505, 32.2948, 53.8398



36.6653, 32.2948, 31.7344



29.4733, 32.2948, 21.3989



25.4112, 32.2948, 38.8312

Rectangle

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



31.9505, 32.2948, 53.8398



36.0844, 32.2948, 43.3573



29.4733, 32.2948, 21.3989



25.8713, 32.2948, 28.0731

Sweetspot

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



31.9515, 32.2961, 53.8405



77.5566, 80.8753, 99.8020



37.9810, 46.2907, 49.8828



16.5991, 17.2750, 21.8448



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.



31.9515, 32.2961, 53.8405



51.5247, 51.2762, 95.4608



32.6081, 30.0836, 53.3789



9.1856, 9.5636, 12.0340



6.7959, 3.7035, 32.7496



0.3167, 0.2460, 1.2996

Inverse Universe

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



36.9095, 32.7232, 34.5092



62.0472, 52.4657, 54.3697



41.8588, 48.6724, 32.7806



9.6155, 9.5705, 10.3645



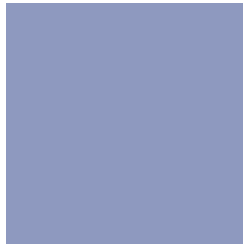
14.4310, 7.4036, 2.2974



0.5907, 0.3002, 0.2241

Previews

White Background



This preview shows how the XYZ color 31.9505, 32.2948, 53.8398 looks on a white background.

Color Contrast Check

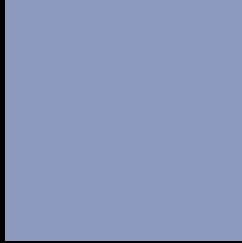
Large Text (above 18pt) WCAG AA × Fail

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 31.9505, 32.2948, 53.8398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

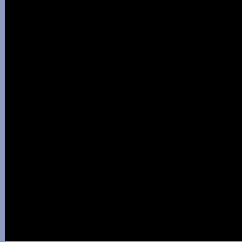
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.9505, 32.2948, 53.8398

Background



This preview shows how black text looks on a background with the XYZ color 31.9505, 32.2948, 53.8398.



This preview shows how white text looks on a background with the XYZ color 31.9505, 32.2948,

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

31.9505, 32.2948, 53.8398

Protanopia

32.1996, 32.1939, 53.2321

Deuteranopia

32.8650, 32.2844, 53.7895



Tritanopia

29.6996, 32.3818, 42.2211

Trichromacy



Original Color

31.9505, 32.2948, 53.8398

Protanomaly

32.0241, 32.1035, 53.2239

Deuteranomaly

32.4863, 32.3291, 53.8181

Tritanomaly

30.4717, 32.4402, 46.2505

Monochromacy



Original Color

31.9505, 32.2948, 53.8398

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1083, 32.3853, 41.1706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9505, 32.2948, 53.8398 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(142, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 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(142, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.9505, 32.2948, 53.8398 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(142, 153, 191) }
```


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

```
.border{ border-color:rgb(142, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9505, 32.2948, 53.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 191) }
```

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

```
.background{ background-color: rgb(142,  
153, 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](#).

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