

Converting Colors

XYZ(32.8404, 35.4073, 49.6781)

Have a look what the booklet for
XYZ(32.8404, 35.4073, 49.6781)
contains.

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Color

**XYZ(32.7998, 35.3641,
49.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA3B7
RGB	142, 163, 183
RGB Percent	56%, 64%, 72%
CMY	0.4431, 0.3608, 0.2823
CMYK	0.22, 0.11, 0.00, 0.28
HSL	209°, 22%, 64%
HSV	209°, 22%, 72%
XYZ	32.7998, 35.3641, 49.8970
YIQ	159.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

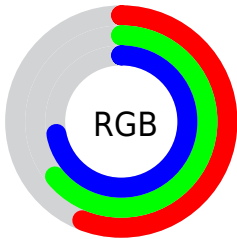
Format	Color
RYB	142, 156, 183
Decimal	9348023
CIELab	66.03, -2.87, -12.76
CIElCh	66, 13.081, 257.312
Yxy	35.3641, 0.2778, 0.2995
Android (android.graphics.Color)	4287538103 (0xFF8EA3B7)
YUV	159.0010, 11.8315, -14.9099
Hunter-Lab	59.4677, -5.6157, -8.1205

Details

The XYZ color **32.7998, 35.3641, 49.8970** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3317, 37.8611, 30.9324**, and the grayscale version is **32.9098, 34.6237, 37.7052**.

A 20% lighter version of the original color is **63.4163, 68.1106, 91.4656**, and **14.0281, 15.2047, 23.3145** is the 20% darker color. If you saturate the color by 10%, you get **28.3849, 30.8186, 49.2529**, and if you desaturate by 10%, it is **37.8442, 40.4020, 50.6041**.

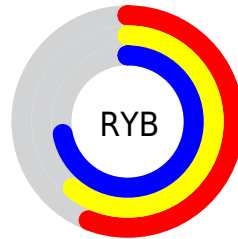
Distribution



Red (56%)

Green (64%)

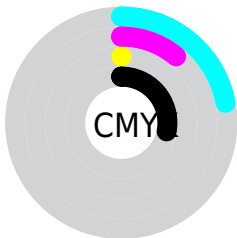
Blue (72%)



Red (56%)

Yellow (61%)

Blue (72%)

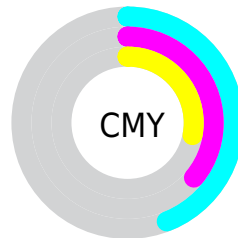


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7998, 35.3641, 49.8970 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 32.7998, 35.3641, 49.8970 by changing the saturation by 10% instead.

■ 32.7998, 35.3641,
49.8970

■ 32.7998, 35.3641,
49.8970

306.4276,
326.1725, 402.9865

■ 22.1316, 23.9435,
34.9610

■ 63.4196, 68.0494,
91.4170

■ 14.0708, 15.2917,
23.3495

■ 84.1020, 90.0829,
118.8380

■ 8.2520, 9.0244,
14.6441

108.8531,
116.4229, 151.2578

■ 4.3097, 4.7571,
8.4261

138.0383,
147.4536, 189.0948

■ 1.8788, 2.1054,
4.2771

172.0230,
183.5595, 232.7676

■ 0.5645, 0.6677,
1.7786

211.1726,

■ 0.0000, 0.0000,

225.1251, 282.6949

0.4138

255.8523,
272.5346, 339.2950

■ 0.0000, 0.0000,
0.0000

■ 32.7998, 35.3641,
49.8970

■ 32.7998, 35.3641,
49.8970

■ 28.3849, 30.8186,
49.2529

■ 37.8442, 40.4020,
50.6041

■ 24.5689, 26.7437,
48.6675

■ 43.5405, 45.9444,
51.3737

■ 21.3233, 23.1219,
48.1395

■ 49.9140, 52.0085,
52.2083

■ 18.6156, 19.9330,
47.6667

■ 56.9875, 58.6092,
53.1095

■ 16.4101, 17.1548,
47.2467

■ 64.7827, 65.7607,
54.0790

■ 14.6658, 14.7622,
46.8768

■ 73.3205, 73.4767,
55.1184

■ 13.3342, 12.7261,
46.5540

■ 76.8442, 78.7925,
55.9587

■ 12.5270, 11.3783,
46.3363

■ 79.3276, 83.7595,
56.7865

■ 81.9392, 88.9827,
57.6571

Harmonies

Analogous

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



31.1462, 35.3641, 46.9046



32.7998, 35.3641, 49.8970



34.7349, 35.3641, 49.6323

Triad

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



32.7998, 35.3641, 49.8970



37.3012, 35.3641, 35.4130



30.9443, 35.3641, 31.7066

Complementary

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



32.7998, 35.3641, 49.8970



37.3317, 37.8611, 30.9324

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.



32.5146, 35.3641, 29.1799



32.7998, 35.3641, 49.8970



36.2057, 35.3641, 31.1742

Square

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



32.7998, 35.3641, 49.8970



37.3848, 35.3641, 40.9001



34.4385, 35.3641, 28.9948



30.1029, 35.3641, 36.2063

Rectangle

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



32.7998, 35.3641, 49.8970



35.9248, 35.3641, 47.6431



34.4385, 35.3641, 28.9948



31.4016, 35.3641, 30.6180

Sweetspot

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



32.8009, 35.3655, 49.8978



73.0238, 77.4926, 91.3445



34.5949, 42.2206, 40.4239



15.9946, 16.9853, 20.1571



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.8009, 35.3655, 49.8978



54.6197, 59.1244, 88.7691



29.4784, 28.7205, 48.7903



8.8912, 9.4597, 11.4367



8.8079, 8.0755, 32.3476



0.3722, 0.4082, 1.1609

Inverse Universe

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



35.8132, 32.0585, 38.9523



61.0723, 52.4156, 65.2389



41.2045, 45.6067, 32.2233



9.1914, 9.0869, 10.3555



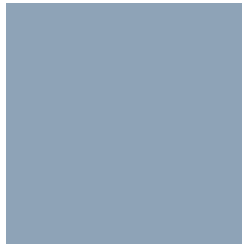
15.0595, 7.5976, 8.2001



0.5620, 0.2803, 0.4532

Previews

White Background



This preview shows how the XYZ color 32.7998, 35.3641, 49.8970 looks on a white background.

Color Contrast Check

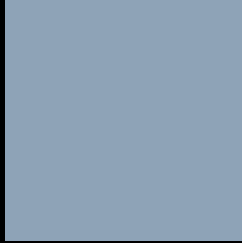
Large Text (above 18pt) WCAG AA × Fail

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 32.7998, 35.3641, 49.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

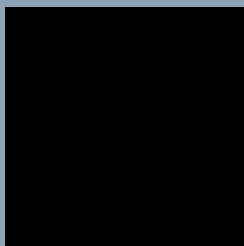
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

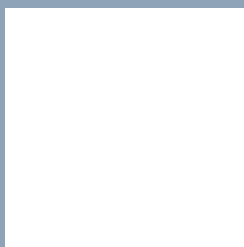
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7998, 35.3641, 49.8970

Background



This preview shows how black text looks on a background with the XYZ color 32.7998, 35.3641, 49.8970.



This preview shows how white text looks on a background with the XYZ color 32.7998, 35.3641,

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

32.7998, 35.3641, 49.8970

Protanopia

34.5410, 35.2597, 48.1653

Deuteranopia

35.8500, 35.1301, 50.2387



Tritanopia

32.1958, 35.3880, 46.7286

Trichromacy



Original Color

32.7998, 35.3641, 49.8970

Protanomaly

33.8602, 35.1532, 48.7167

Deuteranomaly

34.7602, 35.3249, 50.3337

Tritanomaly

32.3966, 35.4683, 47.7864

Monochromacy



Original Color

32.7998, 35.3641, 49.8970

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7756, 34.7411, 42.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7998, 35.3641, 49.8970 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, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 183)  
}
```

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, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 183) }
```

Border

The CSS property to change the border of an element to XYZ 32.7998, 35.3641, 49.8970 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, 163, 183) }
```


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

```
.border{ border-color:rgb(142, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7998, 35.3641, 49.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 183) }
```

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

```
.background{ background-color: rgb(142,  
163, 183) }
```

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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