

Converting Colors

XYZ(32.8387, 33.3969, 58.7671)

Have a look what the booklet for
XYZ(32.8387, 33.3969, 58.7671)
contains.

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Color

**XYZ(32.8447, 33.3894,
58.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9CC7
RGB	139, 156, 199
RGB Percent	55%, 61%, 78%
CMY	0.4549, 0.3882, 0.2196
CMYK	0.30, 0.22, 0.00, 0.22
HSL	223°, 35%, 66%
HSV	223°, 30%, 78%
XYZ	32.8447, 33.3894, 58.7465
YIQ	155.8190, -23.9350, 9.7690

Conversions

Conversions Part 2

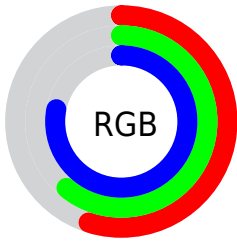
Format	Color
R_{YB}	139, 152, 199
Decimal	9149639
CIE _{Lab}	64.47, 3.99, -24.07
CIE _{LCh}	64, 24.398, 279.423
Yxy	33.3894, 0.2628, 0.2672
Android (android.graphics.Color)	4287339719 (0xFF8B9CC7)
YUV	155.8190, 21.2882, -14.7503
Hunter-Lab	57.7836, 0.3398, -19.8295

Details

The XYZ color **32.8447, 33.3894, 58.7465** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9419, 47.4625, 31.2196**, and the grayscale version is **31.4359, 33.0730, 36.0165**.

A 20% lighter version of the original color is **63.3447, 64.7825, 103.7734**, and **14.0929, 14.1737, 28.7811** is the 20% darker color. If you saturate the color by 10%, you get **27.5653, 27.3220, 57.8542**, and if you desaturate by 10%, it is **39.0121, 40.3333, 59.7623**.

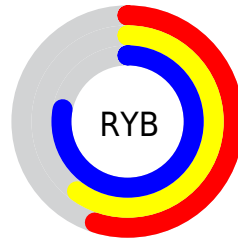
Distribution



Red (55%)

Green (61%)

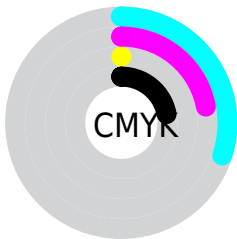
Blue (78%)



Red (55%)

Yellow (60%)

Blue (78%)

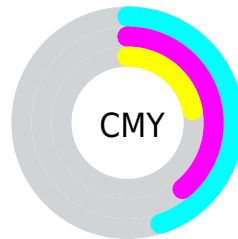


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8447, 33.3894, 58.7465 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 32.8447, 33.3894, 58.7465 by changing the saturation by 10% instead.

■ 32.8447, 33.3894,
58.7465

■ 32.8447, 33.3894,
58.7465

306.6267,
317.4008, 437.6375

■ 22.1662, 22.4249,
41.9904

■ 63.4893, 64.9830,
104.5346

■ 14.0963, 14.1695,
28.7683

■ 84.1861, 86.3809,
134.4038

■ 8.2698, 8.2386,
18.6615

■ 108.9530,
112.0254, 169.4810

■ 4.3214, 4.2480,
11.2516

138.1553,
142.3009, 210.1849

■ 1.8855, 1.8132,
6.1201

172.1585,
177.5918, 256.9339

■ 0.5684, 0.4954,
2.8482

211.3279,

■ 0.0000, 0.0000,

218.2825, 310.1467

1.0177

256.0289,
264.7573, 370.2417

■ 0.0000, 0.0000,
0.0000

■ 32.8447, 33.3894,
58.7465

■ 32.8447, 33.3894,
58.7465

■ 27.5653, 27.3220,
57.8542

■ 39.0121, 40.3333,
59.7623

■ 23.1282, 22.0907,
57.0783

■ 46.1037, 48.1837,
60.9038

■ 19.4881, 17.6580,
56.4146

■ 54.1579, 56.9741,
62.1761

■ 16.5943, 13.9813,
55.8574

■ 63.2095, 66.7352,
63.5831

■ 14.3894, 11.0140,
55.4009

■ 73.2920, 77.4959,
65.1287

■ 12.8068, 8.7030,
55.0382

■ 83.1737, 88.6331,
66.7576

■ 11.7419, 6.9895,
54.7636

■ 87.3089, 96.9036,
68.1360

Harmonies

Analogous

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



29.4398, 33.3894, 57.4280



32.8447, 33.3894, 58.7465



36.1810, 33.3894, 53.2735

Triad

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



32.8447, 33.3894, 58.7465



37.1946, 33.3894, 25.4857



25.8701, 33.3894, 30.0230

Complementary

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



32.8447, 33.3894, 58.7465



44.9419, 47.4625, 31.2196

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.



27.6702, 33.3894, 23.4619



32.8447, 33.3894, 58.7465



34.1478, 33.3894, 21.1942

Square

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



32.8447, 33.3894, 58.7465



38.8107, 33.3894, 33.3049



30.6518, 33.3894, 20.5281



25.5773, 33.3894, 39.5867

Rectangle

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



32.8447, 33.3894, 58.7465



37.8571, 33.3894, 47.0098



30.6518, 33.3894, 20.5281



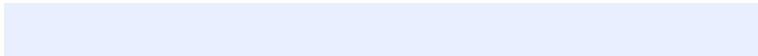
26.3124, 33.3894, 27.4462

Sweetspot

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



32.8458, 33.3907, 58.7473



82.0807, 85.8557, 106.8534



39.4122, 49.6727, 51.2274



17.1485, 17.9151, 22.8041



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.8458, 33.3907, 58.7473



51.4384, 51.5139, 101.8398



32.3048, 29.1691, 57.9609



10.2973, 10.7688, 13.4533



7.6153, 4.6245, 35.2356



0.4237, 0.3451, 1.6894

Inverse Universe

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



38.7874, 33.0086, 35.7808



63.5810, 51.2088, 54.7977



45.5778, 53.2764, 32.3083



10.7554, 10.6855, 11.6950



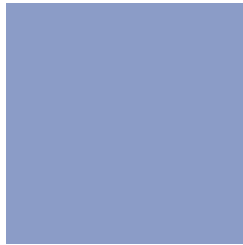
15.6432, 8.0068, 3.3309



0.7725, 0.3919, 0.3254

Previews

White Background



This preview shows how the XYZ color 32.8447, 33.3894, 58.7465 looks on a white background.

Color Contrast Check

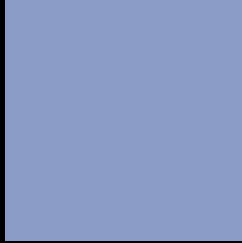
Large Text (above 18pt) WCAG AA × Fail

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 32.8447, 33.3894, 58.7465 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

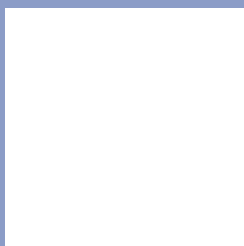
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8447, 33.3894, 58.7465

Background



This preview shows how black text looks on a background with the XYZ color 32.8447, 33.3894, 58.7465.



This preview shows how white text looks on a background with the XYZ color 32.8447, 33.3894,

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

32.8447, 33.3894, 58.7465

Protanopia

33.4257, 33.2082, 58.0742

Deuteranopia

34.0293, 33.2485, 59.2676



Tritanopia

29.9606, 33.4934, 44.4209

Trichromacy



Original Color

32.8447, 33.3894, 58.7465

Protanomaly

33.2421, 33.3595, 58.1131

Deuteranomaly

33.6580, 33.3011, 59.2974

Tritanomaly

30.8333, 33.3246, 49.0632

Monochromacy



Original Color

32.8447, 33.3894, 58.7465

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9125, 33.2395, 43.7636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8447, 33.3894, 58.7465 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(139, 156, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 156, 199)  
}
```

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(139, 156, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 156, 199) }
```

Border

The CSS property to change the border of an element to XYZ 32.8447, 33.3894, 58.7465 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(139, 156, 199) }
```


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

```
.border{ border-color:rgb(139, 156, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 156, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 156, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 156, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 156,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8447, 33.3894, 58.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 156, 199) }
```

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

```
.background{ background-color: rgb(139,  
156, 199) }
```

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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