

Converting Colors

XYZ(35.8958, 32.6101, 99.0102)

Have a look what the booklet for
XYZ(35.8958, 32.6101, 99.0102)
contains.

XYZ(35.8958, 32.6101, 99.0102)	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(35.8958, 32.6101,
99.0102)**

Conversions

Conversions Part 1

Format	Color
Hex	7296FF
RGB	114, 150, 255
RGB Percent	45%, 59%, 100%
CMY	0.5529, 0.4118, 0.0000
CMYK	0.55, 0.41, 0.00, 0.00
HSL	225°, 100%, 72%
HSV	225°, 55%, 100%
XYZ	35.8958, 32.6101, 99.0102
YIQ	151.2060, -55.1610, 25.0230

Conversions

Conversions Part 2

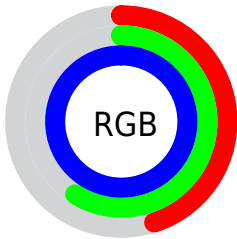
Format	Color
RYB	114, 143, 255
Decimal	7509759
CIELab	63.84, 17.26, -56.10
CIElCh	64, 58.695, 287.100
Yxy	32.6101, 0.2143, 0.1947
Android (android.graphics.Color)	4285699839 (0xFF7296FF)
YUV	151.2060, 51.1704, -32.6297
Hunter-Lab	57.1053, 12.2691, -62.8245

Details

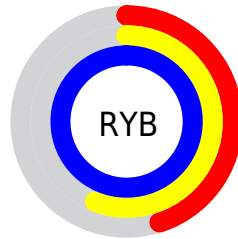
The XYZ color **35.8958, 32.6101, 99.0102** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.6106, 73.1409, 26.3705**, and the grayscale version is **29.3095, 30.8359, 33.5803**.

A 20% lighter version of the original color is **57.0984, 59.4044, 103.0645**, and **15.9225, 13.7959, 55.2497** is the 20% darker color. If you saturate the color by 10%, you get **30.2406, 25.5553, 97.9466**, and if you desaturate by 10%, it is **42.9688, 41.1256, 100.2811**.

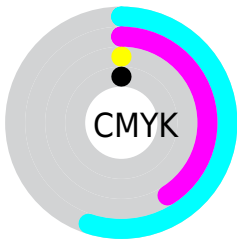
Distribution



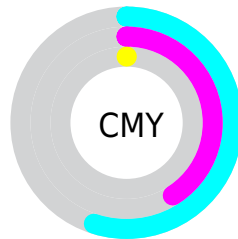
- Red (45%)
- Green (59%)
- Blue (100%)



- Red (45%)
- Yellow (56%)
- Blue (100%)



- Cyan (55%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8958, 32.6101, 99.0102 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 35.8958, 32.6101, 99.0102 by changing the saturation by 10% instead.

■ 35.8958, 32.6101,
99.0102

■ 35.8958, 32.6101,
99.0102

319.9441,
313.8891, 578.2341

■ 24.5235, 21.8279,
74.8619

■ 68.1961, 63.7663,
161.8363

■ 15.8492, 13.7305,
54.9987

■ 89.8548, 84.9092,
201.3512

■ 9.5077, 7.9335,
39.0021

■ 115.6730,
110.2743, 246.8253

■ 5.1335, 4.0524,
26.4535

146.0161,
140.2462, 298.6773

■ 2.3614, 1.7029,
16.9344

181.2494,
175.2093, 357.3256

■ 0.8258, 0.4255,
10.0263

221.7382,

■ 0.0000, 0.0000,

215.5479, 423.1889

5.3106

267.8480,
261.6463, 496.6855

■ 0.0000, 0.0000,
2.3687

■ 0.0000, 0.0000,
0.7693

■ 35.8958, 32.6101,
99.0102

■ 35.8958, 32.6101,
99.0102

■ 30.2406, 25.5553,
97.9466

■ 42.9688, 41.1256,
100.2811

■ 25.8969, 19.8701,
97.0781

■ 51.5479, 51.1787,
101.7694

■ 22.7484, 15.4570,
96.3923

■ 61.7181, 62.8445,
103.4851

■ 20.6533, 12.2013,
95.8743

■ 73.5570, 76.1920,
105.4374

■ 19.9460, 11.0121,
95.6820

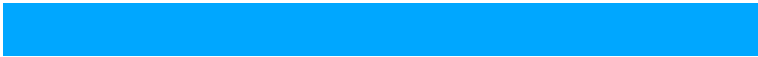
■ 87.1368, 91.2858,
107.6351

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



27.5877, 32.6101, 100.7270



35.8958, 32.6101, 99.0102



44.1238, 32.6101, 76.2647

Triad

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



35.8958, 32.6101, 99.0102



43.0918, 32.6101, 11.5461



17.9641, 32.6101, 26.3021

Complementary

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



35.8958, 32.6101, 99.0102



69.6106, 73.1409, 26.3705

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.



20.7688, 32.6101, 12.6954



35.8958, 32.6101, 99.0102



34.6718, 32.6101, 7.0862

Square

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



35.8958, 32.6101, 99.0102



48.7574, 32.6101, 23.7564



26.5617, 32.6101, 7.3845



18.1741, 32.6101, 50.6060

Rectangle

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



35.8958, 32.6101, 99.0102



48.0189, 32.6101, 56.2740



26.5617, 32.6101, 7.3845



18.5612, 32.6101, 20.6040

Sweetspot

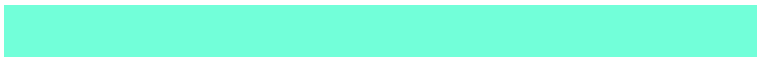
The Sweet Spot groups the original color and five complimentary colors.



35.8970, 32.6111, 99.0103



71.4127, 73.7893, 105.0867



55.2771, 80.1286, 78.4730



14.7594, 15.2032, 22.4065



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.



35.8970, 32.6111, 99.0103



29.8908, 25.1084, 97.8787



36.0838, 25.4506, 97.6184



17.3799, 18.1313, 22.8336



10.5225, 5.9546, 50.0293



1.1077, 0.7461, 4.8989

Inverse Universe

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



52.7633, 35.4983, 32.9258



48.6308, 29.6307, 24.1579



68.9530, 88.2807, 29.3274



18.1996, 18.0632, 19.6684



22.0995, 11.3291, 3.9084



2.1937, 1.1199, 0.6016

Previews

White Background



This preview shows how the XYZ color 35.8958, 32.6101, 99.0102 looks on a white background.

Color Contrast Check

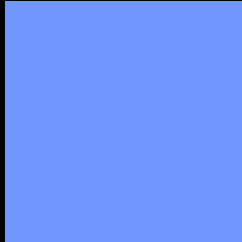
Large Text (above 18pt) WCAG AA × Fail

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 35.8958, 32.6101, 99.0102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

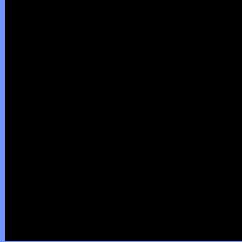
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8958, 32.6101, 99.0102

Background



This preview shows how black text looks on a background with the XYZ color 35.8958, 32.6101, 99.0102.



This preview shows how white text looks on a background with the XYZ color 35.8958, 32.6101,

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

35.8958, 32.6101, 99.0102

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.8272, 32.7721, 98.3087



Tritanopia

25.7122, 32.5462, 48.1069

Trichromacy



Original Color

35.8958, 32.6101, 99.0102

Protanomaly

35.7987, 32.7980, 99.0516

Deuteranomaly

34.4262, 32.5909, 98.2421

Tritanomaly

28.6572, 32.1334, 63.7235

Monochromacy



Original Color

35.8958, 32.6101, 99.0102

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.7331, 31.2106, 52.5486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8958, 32.6101, 99.0102 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(114, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 150, 255)  
}
```

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(114, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 150, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.8958, 32.6101, 99.0102 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(114, 150, 255) }
```


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

```
.border{ border-color:rgb(114, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 150,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8958, 32.6101, 99.0102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 150, 255) }
```

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

```
.background{ background-color: rgb(114,  
150, 255) }
```

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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