

Converting Colors

XYZ(30.3403, 33.2663, 35.7762)

Have a look what the booklet for
XYZ(30.3403, 33.2663, 35.7762)
contains.

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Color

**XYZ(30.3472, 33.3659,
35.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	939F9B
RGB	147, 159, 155
RGB Percent	58%, 62%, 61%
CMY	0.4235, 0.3765, 0.3922
CMYK	0.08, 0.00, 0.03, 0.38
HSL	160°, 6%, 60%
HSV	160°, 8%, 62%
XYZ	30.3472, 33.3659, 35.8511
YIQ	154.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

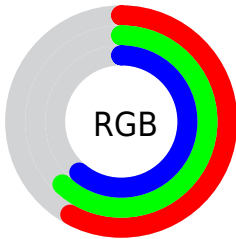
Format	Color
RYB	147, 154, 159
Decimal	9674651
CIELab	64.46, -5.05, 0.61
CIElCh	64, 5.090, 173.094
Yxy	33.3659, 0.3048, 0.3351
Android (android.graphics.Color)	4287864731 (0xFF939F9B)
YUV	154.9560, 0.0217, -6.9774
Hunter-Lab	57.7632, -7.3067, 3.6356

Details

The XYZ color **30.3472, 33.3659, 35.8511** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3190, 30.4737, 33.5639**, and the grayscale version is **31.1388, 32.7605, 35.6762**.

A 20% lighter version of the original color is **59.6426, 65.1141, 69.7464**, and **12.6851, 14.2114, 15.1712** is the 20% darker color. If you saturate the color by 10%, you get **27.2553, 31.8232, 33.4330**, and if you desaturate by 10%, it is **33.8547, 35.1224, 38.3921**.

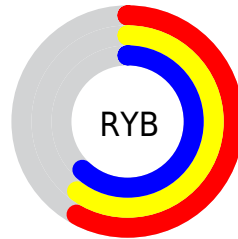
Distribution



Red (58%)

Green (62%)

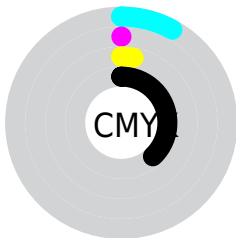
Blue (61%)



Red (58%)

Yellow (60%)

Blue (62%)

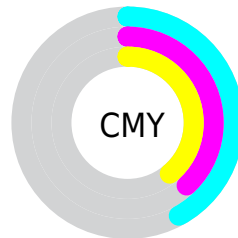


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (38%)



Cyan (42%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3472, 33.3659, 35.8511 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 30.3472, 33.3659, 35.8511 by changing the saturation by 10% instead.

■ 30.3472, 33.3659,
35.8511

■ 30.3472, 33.3659,
35.8511

295.4004,
317.2953, 343.3270

■ 20.2517, 22.4069,
24.0304

■ 59.5937, 64.9464,
69.9686

■ 12.6874, 14.1562,
15.1438

■ 79.4753, 86.3366,
93.1026

■ 7.2892, 8.2294,
8.7726

103.3497,
111.9728, 120.8447

■ 3.6915, 4.2421,
4.4984

131.5822,
142.2391, 153.6136

■ 1.5291, 1.8099,
1.9025

164.5382,
177.5202, 191.8277

■ 0.3455, 0.4933,
0.4944

202.5830,

■ 0.0000, 0.0000,

218.2003, 235.9056

0.0000

246.0819,
264.6639, 286.2658

■ 30.3472, 33.3659,
35.8511

■ 30.3472, 33.3659,
35.8511

■ 27.2553, 31.8232,
33.4330

■ 33.8547, 35.1224,
38.3921

■ 24.5598, 30.4817,
31.1336

■ 37.7904, 37.0964,
41.0559

■ 22.2443, 29.3339,
28.9515

■ 42.1697, 39.2969,
43.8450

■ 20.2899, 28.3702,
26.8844

■ 47.0065, 41.7308,
46.7615

■ 18.6764, 27.5800,
24.9300

■ 52.3142, 44.4051,
49.8069

■ 17.3812, 26.9517,
23.0859

■ 58.1055, 47.3263,
52.9833

■ 16.3789, 26.4724,
21.3495

■ 63.1664, 49.8686,
56.2349

■ 15.6402, 26.1270,
19.7178

■ 63.7652, 50.1081,
59.3882

■ 15.1160, 25.8901,
18.1872

■ 64.3855, 50.3562,
62.6542

Harmonies

Analogous

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



30.6098, 33.3659, 33.9810



30.3472, 33.3659, 35.8511



30.4461, 33.3659, 37.9210

Triad

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



30.3472, 33.3659, 35.8511



32.2641, 33.3659, 40.1338



32.5592, 33.3659, 33.2250

Complementary

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



30.3472, 33.3659, 35.8511



30.3190, 30.4737, 33.5639

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.



33.0151, 33.3659, 34.7837



30.3472, 33.3659, 35.8511



32.8430, 33.3659, 38.7845

Square

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



30.3472, 33.3659, 35.8511



31.5457, 33.3659, 40.4461



33.1198, 33.3659, 36.8127



31.8815, 33.3659, 32.5027

Rectangle

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



30.3472, 33.3659, 35.8511



30.7045, 33.3659, 39.1309



33.1198, 33.3659, 36.8127



32.7439, 33.3659, 33.6656

Sweetspot

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



30.3481, 33.3673, 35.8518



57.7149, 61.4391, 66.6838



30.4654, 33.5028, 32.4654



13.0287, 13.8599, 15.0460



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.3481, 33.3673, 35.8518



53.3996, 59.2808, 63.4865



30.3826, 32.8893, 37.5495



6.7277, 7.4718, 8.0008



11.8661, 20.4144, 14.1838



0.2310, 0.3725, 0.3526

Inverse Universe

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



30.3190, 30.4737, 33.5639



53.3369, 53.0525, 58.5621



30.2815, 30.9102, 31.9746



6.7198, 6.6808, 7.3753



11.8188, 6.0321, 3.2970



0.2299, 0.1153, 0.1567

Previews

White Background



This preview shows how the XYZ color 30.3472, 33.3659, 35.8511 looks on a white background.

Color Contrast Check

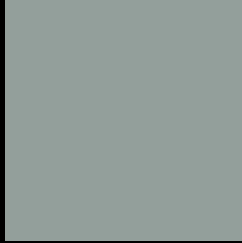
Large Text (above 18pt) WCAG AA × Fail

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 30.3472, 33.3659, 35.8511 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

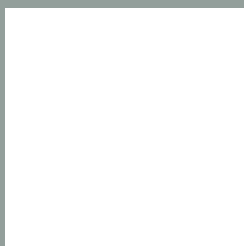
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3472, 33.3659, 35.8511

Background



This preview shows how black text looks on a background with the XYZ color 30.3472, 33.3659, 35.8511.



This preview shows how white text looks on a background with the XYZ color 30.3472, 33.3659,

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

30.3472, 33.3659, 35.8511

Protanopia

31.9683, 33.2162, 34.8634

Deuteranopia

33.9470, 33.2255, 36.5222



Tritanopia

31.6128, 33.3681, 42.3106

Trichromacy



Original Color

30.3472, 33.3659, 35.8511

Protanomaly

31.2388, 33.0786, 35.3102

Deuteranomaly

32.4566, 33.1929, 36.1487

Tritanomaly

31.1404, 33.4300, 39.9333

Monochromacy



Original Color

30.3472, 33.3659, 35.8511

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7538, 32.8189, 35.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3472, 33.3659, 35.8511 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(147, 159, 155) looks like.

```
.text, #text, p{  
    color:rgb(147, 159, 155)  
}
```

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(147, 159, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 159, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.3472, 33.3659, 35.8511 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(147, 159, 155) }
```


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

```
.border{ border-color:rgb(147, 159, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 159, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 159, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 159, 155);  
box-shadow:4px 4px 4px 4px rgb(147, 159,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3472, 33.3659, 35.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 159, 155) }
```

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

```
.background{ background-color: rgb(147,  
159, 155) }
```

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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