

Converting Colors

XYZ(31.0599, 33.8458, 42.4320)

Have a look what the booklet for
XYZ(31.0599, 33.8458, 42.4320)
contains.

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Color

**XYZ(31.0599, 33.8458,
42.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA0A9
RGB	143, 160, 169
RGB Percent	56%, 63%, 66%
CMY	0.4392, 0.3725, 0.3373
CMYK	0.15, 0.05, 0.00, 0.34
HSL	201°, 13%, 61%
HSV	201°, 15%, 66%
XYZ	31.0599, 33.8458, 42.4320
YIQ	155.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

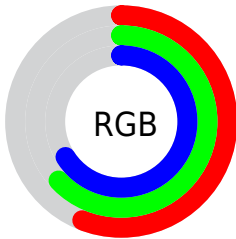
Format	Color
RYB	143, 153, 169
Decimal	9412777
CIELab	64.84, -4.05, -6.71
CIELCh	65, 7.836, 238.854
Yxy	33.8458, 0.2894, 0.3153
Android (android.graphics.Color)	4287602857 (0xFF8FA0A9)
YUV	155.9430, 6.4371, -11.3510
Hunter-Lab	58.1771, -6.5115, -2.5197

Details

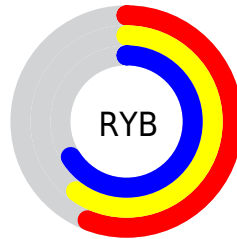
The XYZ color **31.0599, 33.8458, 42.4320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5486, 32.8746, 30.6171**, and the grayscale version is **31.5516, 33.1948, 36.1491**.

A 20% lighter version of the original color is **60.7809, 65.8530, 80.0284**, and **13.0932, 14.4969, 18.9377** is the 20% darker color. If you saturate the color by 10%, you get **27.3619, 30.4703, 41.9759**, and if you desaturate by 10%, it is **35.2484, 37.5467, 42.9261**.

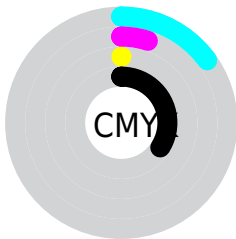
Distribution



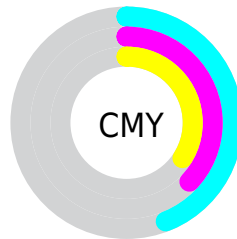
- Red (56%)
- Green (63%)
- Blue (66%)



- Red (56%)
- Yellow (60%)
- Blue (66%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0599, 33.8458, 42.4320 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 31.0599, 33.8458, 42.4320 by changing the saturation by 10% instead.

■ 31.0599, 33.8458,
42.4320

■ 31.0599, 33.8458,
42.4320

298.6361,
319.4439, 372.1230

■ 20.7965, 22.7752,
29.1116

■ 60.7096, 65.6938,
80.1302

■ 13.0870, 14.4276,
18.9190

■ 80.8266, 87.2400,
105.3450

■ 7.5659, 8.4186,
11.4355

104.9588,
113.0467, 135.3618

■ 3.8679, 4.3640,
6.2427

133.4716,
143.4986, 170.5990

■ 1.6277, 1.8792,
2.9221

166.7304,
178.9798, 211.4751

■ 0.4103, 0.5358,
1.0550

205.1005,

■ 0.0000, 0.0000,

219.8748, 258.4088

0.0000

248.9473,
266.5681, 311.8186

■ 31.0599, 33.8458,
42.4320

■ 31.0599, 33.8458,
42.4320

■ 27.3619, 30.4703,
41.9759

■ 35.2484, 37.5467,
42.9261

■ 24.1310, 27.4046,
41.5545

■ 39.9435, 41.5797,
43.4571

■ 21.3466, 24.6379,
41.1672

■ 45.1641, 45.9562,
44.0267

■ 18.9848, 22.1571,
40.8128

■ 50.9273, 50.6861,
44.6359

■ 17.0199, 19.9476,
40.4899

■ 57.2494, 55.7786,
45.2857

■ 15.4226, 17.9934,
40.1969

■ 64.1459, 61.2426,
45.9768

■ 14.1595, 16.2762,
39.9320

■ 69.2751, 65.8717,
46.6000

■ 13.1883, 14.7732,
39.6931

■ 70.6641, 68.6497,
47.0630

■ 12.7932, 14.1280,
39.5894

■ 72.1056, 71.5327,
47.5435

Harmonies

Analogous

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



30.3058, 33.8458, 39.9339



31.0599, 33.8458, 42.4320



32.1260, 33.8458, 43.4225

Triad

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



31.0599, 33.8458, 42.4320



34.3884, 33.8458, 36.9768



31.1334, 33.8458, 31.6721

Complementary

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



31.0599, 33.8458, 42.4320



32.5486, 32.8746, 30.6171

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.



32.2128, 33.8458, 30.9808



31.0599, 33.8458, 42.4320



34.1080, 33.8458, 33.9335

Square

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



31.0599, 33.8458, 42.4320



34.0629, 33.8458, 40.1615



33.3050, 33.8458, 31.7846



30.3475, 33.8458, 33.7301

Rectangle

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



31.0599, 33.8458, 42.4320



32.8759, 33.8458, 43.0529



33.3050, 33.8458, 31.7846



31.4732, 33.8458, 31.2776

Sweetspot

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



31.0609, 33.8472, 42.4328



63.3618, 67.4475, 76.9042



31.1565, 36.4723, 34.9611



13.6938, 14.5993, 16.7483



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.0609, 33.8472, 42.4328



53.5922, 58.7818, 75.7465



28.9753, 29.6761, 41.7376



7.5257, 8.0884, 9.5829



9.5859, 10.6320, 29.5224



0.2782, 0.3486, 0.7333

Inverse Universe

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



32.5306, 30.6187, 37.4547



56.6867, 52.1177, 65.2350



34.7158, 37.2090, 31.3395



7.7300, 7.6218, 8.8952



14.3391, 7.1444, 11.8633



0.3716, 0.1829, 0.4081

Previews

White Background



This preview shows how the XYZ color 31.0599, 33.8458, 42.4320 looks on a white background.

Color Contrast Check

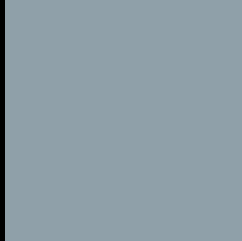
Large Text (above 18pt) WCAG AA × Fail

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 31.0599, 33.8458, 42.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

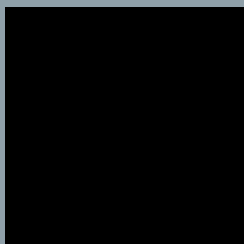
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

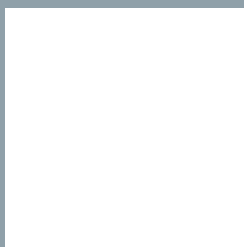
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0599, 33.8458, 42.4320

Background



This preview shows how black text looks on a background with the XYZ color 31.0599, 33.8458, 42.4320.



This preview shows how white text looks on a background with the XYZ color 31.0599, 33.8458,

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

31.0599, 33.8458, 42.4320

Protanopia

32.7681, 33.7351, 41.3437

Deuteranopia

34.3728, 33.7917, 42.7410



Tritanopia

31.3461, 33.7041, 43.8832

Trichromacy



Original Color

31.0599, 33.8458, 42.4320

Protanomaly

32.0737, 33.6165, 41.8440

Deuteranomaly

33.2447, 33.9483, 42.8307

Tritanomaly

31.2504, 33.6658, 43.3792

Monochromacy



Original Color

31.0599, 33.8458, 42.4320

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2525, 33.2665, 38.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0599, 33.8458, 42.4320 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(143, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 169)  
}
```

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(143, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 169) }
```

Border

The CSS property to change the border of an element to XYZ 31.0599, 33.8458, 42.4320 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(143, 160, 169) }
```


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

```
.border{ border-color:rgb(143, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0599, 33.8458, 42.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 160, 169) }
```

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

```
.background{ background-color: rgb(143,  
160, 169) }
```

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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