

Converting Colors

XYZ(32.2816, 35.0480, 41.4780)

Have a look what the booklet for
XYZ(32.2816, 35.0480, 41.4780)
contains.

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Color

**XYZ(32.2898, 35.0202,
41.6169)**

Conversions

Conversions Part 1

Format	Color
Hex	95A2A7
RGB	149, 162, 167
RGB Percent	58%, 64%, 65%
CMY	0.4157, 0.3647, 0.3451
CMYK	0.11, 0.03, 0.00, 0.35
HSL	197°, 9%, 62%
HSV	197°, 11%, 65%
XYZ	32.2898, 35.0202, 41.6169
YIQ	158.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

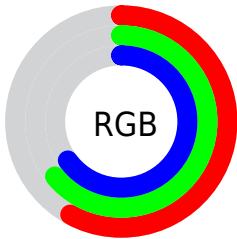
Format	Color
RYB	149, 157, 167
Decimal	9806503
CIELab	65.76, -3.55, -4.17
CIELCh	66, 5.478, 229.597
Yxy	35.0202, 0.2964, 0.3215
Android (android.graphics.Color)	4287996583 (0xFF95A2A7)
YUV	158.6830, 4.1003, -8.4920
Hunter-Lab	59.1779, -6.1646, -0.2713

Details

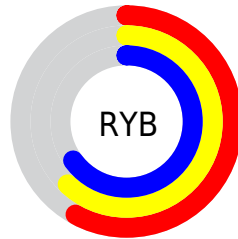
The XYZ color **32.2898, 35.0202, 41.6169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9170, 33.4965, 33.1650**, and the grayscale version is **32.7957, 34.5036, 37.5744**.

A 20% lighter version of the original color is **62.6263, 67.5961, 78.8538**, and **13.7074, 14.9863, 18.3898** is the 20% darker color. If you saturate the color by 10%, you get **28.6572, 31.9582, 41.2179**, and if you desaturate by 10%, it is **36.3915, 38.3707, 42.0480**.

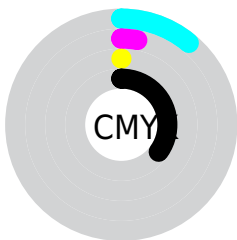
Distribution



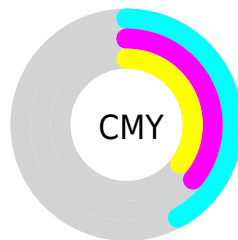
- Red (58%)
- Green (64%)
- Blue (65%)



- Red (58%)
- Yellow (62%)
- Blue (65%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2898, 35.0202, 41.6169 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 32.2898, 35.0202, 41.6169 by changing the saturation by 10% instead.

■ 32.2898, 35.0202,
41.6169

■ 32.2898, 35.0202,
41.6169

304.1592,
324.6575, 368.6451

■ 21.7396, 23.6784,
28.4781

■ 62.6273, 67.5171,
78.8833

■ 13.7812, 15.0953,
18.4442

■ 83.1452, 89.4409,
103.8480

■ 8.0493, 8.8863,
11.0966

107.7164,
115.6610, 133.5917

■ 4.1786, 4.6671,
6.0169

136.7063,
146.5616, 168.5331

■ 1.8037, 2.0533,
2.7864

170.4801,
182.5272, 209.0905

■ 0.5199, 0.6382,
0.9866

209.4033,

■ 0.0000, 0.0000,

223.9421, 255.6827

0.0000

253.8412,
271.1907, 308.7280

■ 32.2898, 35.0202,
41.6169

■ 32.2898, 35.0202,
41.6169

■ 28.6572, 31.9582,
41.2179

■ 36.3915, 38.3707,
42.0480

■ 25.4718, 29.1700,
40.8476

■ 40.9769, 42.0147,
42.5097

■ 22.7145, 26.6462,
40.5058

■ 46.0638, 45.9630,
43.0037

■ 20.3635, 24.3752,
40.1913

■ 51.6682, 50.2241,
43.5307

■ 18.3950, 22.3441,
39.9031

■ 57.8053, 54.8064,
44.0918

■ 16.7826, 20.5389,
39.6396

■ 64.4896, 59.7178,
44.6874

■ 15.4963, 18.9435,
39.3994

■ 67.6097, 62.8392,
45.1255

■ 14.5009, 17.5393,
39.1809

■ 68.6611, 64.9419,
45.4759

■ 13.7680, 16.3758,
38.9949

■ 69.7450, 67.1097,
45.8372

Harmonies

Analogous

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



31.8449, 35.0202, 39.6413



32.2898, 35.0202, 41.6169



33.0062, 35.0202, 42.6720

Triad

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



32.2898, 35.0202, 41.6169



34.8356, 35.0202, 38.9393



32.7678, 35.0202, 34.0951

Complementary

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



32.2898, 35.0202, 41.6169



32.9170, 33.4965, 33.1650

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.



33.5667, 35.0202, 33.9243



32.2898, 35.0202, 41.6169



34.7693, 35.0202, 36.6596

Square

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



32.2898, 35.0202, 41.6169



34.4815, 35.0202, 41.0852



34.3018, 35.0202, 34.8455



32.1177, 35.0202, 35.3220

Rectangle

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



32.2898, 35.0202, 41.6169



33.5451, 35.0202, 42.6837



34.3018, 35.0202, 34.8455



33.0276, 35.0202, 33.9142

Sweetspot

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



32.2908, 35.0217, 41.6177



63.4271, 67.3074, 75.1239



32.0298, 36.3540, 35.8141



14.0605, 14.9540, 16.7975



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.



32.2908, 35.0217, 41.6177



56.1547, 61.3259, 74.3527



30.7941, 32.0282, 41.1188



7.5688, 8.1746, 9.5973



10.5779, 12.6161, 29.8531



0.2970, 0.3862, 0.7395

Inverse Universe

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



33.2062, 32.3198, 38.6722



58.1463, 55.5248, 67.9266



34.4234, 36.5094, 33.6672



7.7517, 7.6306, 9.0098



14.8399, 7.3447, 14.5001



0.3811, 0.1867, 0.4581

Previews

White Background



This preview shows how the XYZ color 32.2898, 35.0202, 41.6169 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 32.2898, 35.0202, 41.6169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

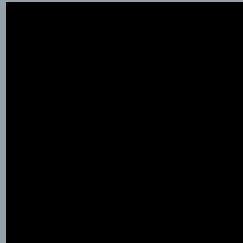
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

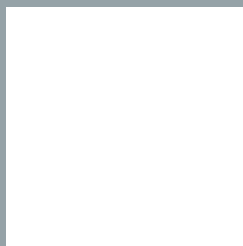
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2898, 35.0202, 41.6169

Background



This preview shows how black text looks on a background with the XYZ color 32.2898, 35.0202, 41.6169.



This preview shows how white text looks on a background with the XYZ color 32.2898, 35.0202,

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

32.2898, 35.0202, 41.6169

Protanopia

33.8876, 35.0900, 40.5843

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

32.9625, 35.0298, 45.0685

Trichromacy



Original Color

32.2898, 35.0202, 41.6169

Protanomaly

33.3584, 35.0629, 41.0860

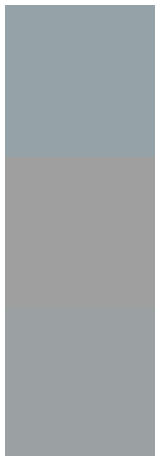
Deuteranomaly

34.3990, 35.0674, 42.0015

Tritanomaly

32.6732, 34.9140, 43.5451

Monochromacy



Original Color

32.2898, 35.0202, 41.6169

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6100, 34.7188, 39.1651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2898, 35.0202, 41.6169 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(149, 162, 167) looks like.

```
.text, #text, p{  
    color:rgb(149, 162, 167)  
}
```

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(149, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.2898, 35.0202, 41.6169 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(149, 162, 167) }
```


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

```
.border{ border-color:rgb(149, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 162,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2898, 35.0202, 41.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 162, 167) }
```

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

```
.background{ background-color: rgb(149,  
162, 167) }
```

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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