

Converting Colors

XYZ(32.2026, 32.0371, 35.4022)

Have a look what the booklet for
XYZ(32.2026, 32.0371, 35.4022)
contains.

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Color

**XYZ(32.3398, 32.1786,
35.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	A5969B
RGB	165, 150, 155
RGB Percent	65%, 59%, 61%
CMY	0.3529, 0.4117, 0.3922
CMYK	0.00, 0.09, 0.06, 0.35
HSL	340°, 8%, 62%
HSV	340°, 9%, 65%
XYZ	32.3398, 32.1786, 35.5169
YIQ	155.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

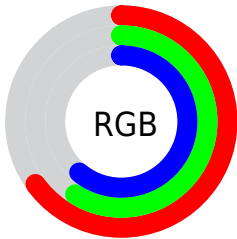
Format	Color
RYB	165, 150, 155
Decimal	10851995
CIELab	63.49, 6.43, -0.62
CIELCh	63, 6.462, 354.469
Yxy	32.1786, 0.3233, 0.3217
Android (android.graphics.Color)	4289042075 (0xFFA5969B)
YUV	155.0550, -0.0271, 8.7218
Hunter-Lab	56.7262, 2.4927, 2.5862

Details

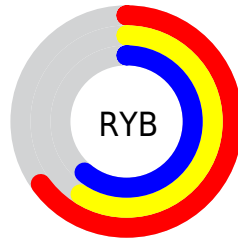
The XYZ color **32.3398, 32.1786, 35.5169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3792, 35.9332, 38.4888**, and the grayscale version is **31.1787, 32.8024, 35.7218**.

A 20% lighter version of the original color is **62.6167, 63.0048, 69.1825**, and **13.7706, 13.4339, 14.9639** is the 20% darker color. If you saturate the color by 10%, you get **29.0079, 26.9264, 30.0534**, and if you desaturate by 10%, it is **36.1285, 38.2088, 41.5488**.

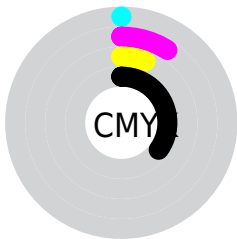
Distribution



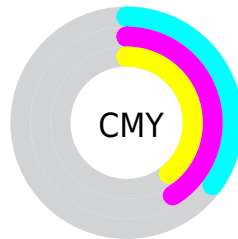
- Red (65%)
- Green (59%)
- Blue (61%)



- Red (65%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3398, 32.1786, 35.5169 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 32.3398, 32.1786, 35.5169 by changing the saturation by 10% instead.

■ 32.3398, 32.1786,
35.5169

■ 32.3398, 32.1786,
35.5169

304.3821,
311.9320, 341.8174

■ 21.7780, 21.4980,
23.7746

■ 62.7050, 63.0910,
69.4464

■ 13.8095, 13.4885,
14.9558

■ 83.2391, 84.0915,
92.4706

■ 8.0691, 7.7658,
8.6421

107.8280,
109.3007, 120.0926

■ 4.1914, 3.9454,
4.4149

136.8371,
139.1031, 152.7309

■ 1.8110, 1.6431,
1.8556

170.6317,
173.8831, 190.8039

■ 0.5243, 0.3864,
0.4643

209.5772,

■ 0.0000, 0.0000,

214.0249, 234.7303

0.0000

254.0388,
259.9131, 284.9286

■ 32.3398, 32.1786,
35.5169

■ 32.3398, 32.1786,
35.5169

■ 29.0079, 26.9264,
30.0534

■ 36.1285, 38.2088,
41.5488

■ 26.1124, 22.4163,
25.1395

■ 40.3880, 45.0427,
48.1633

■ 23.6354, 18.6157,
20.7579

■ 45.1349, 52.7099,
55.3766

■ 21.5566, 15.4882,
16.8899

■ 50.3842, 61.2374,
63.2035

■ 19.8542, 12.9938,
13.5155

■ 56.1505, 70.6509,
71.6585

■ 18.5039, 11.0884,
10.6134

■ 62.4475, 80.9749,
80.7554

■ 17.4784, 9.7223,
8.1602

■ 65.8452, 85.3466,
89.3599

■ 16.7462, 8.8372,
6.1305

■ 67.4579, 85.9917,
97.8521

■ 16.2469, 8.3174,
4.4879

■ 69.1701, 86.6766,
106.8689

Harmonies

Analogous

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



32.0148, 32.1786, 37.9969



32.3398, 32.1786, 35.5169



32.1871, 32.1786, 33.0240

Triad

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



32.3398, 32.1786, 35.5169



29.8736, 32.1786, 30.7169



29.5901, 32.1786, 39.2270

Complementary

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



32.3398, 32.1786, 35.5169



32.3792, 35.9332, 38.4888

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.



29.0366, 32.1786, 37.1302



32.3398, 32.1786, 35.5169



29.1980, 32.1786, 32.2350

Square

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



32.3398, 32.1786, 35.5169



30.7519, 32.1786, 30.3319



28.8945, 32.1786, 34.5615



30.4183, 32.1786, 40.2052

Rectangle

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



32.3398, 32.1786, 35.5169



31.8364, 32.1786, 31.6786



28.8945, 32.1786, 34.5615



29.3664, 32.1786, 38.6248

Sweetspot

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



32.3407, 32.1800, 35.5176



61.9131, 63.9768, 70.0029



32.1962, 32.0044, 40.0783



13.4185, 13.8004, 15.1181



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.3407, 32.1800, 35.5176



56.5914, 55.5300, 61.4578



32.3327, 32.8218, 33.4870



7.1666, 7.1231, 7.8636



12.2813, 6.2686, 3.4057



0.2792, 0.1402, 0.1831

Inverse Universe

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



32.3407, 32.1800, 35.5176



56.5914, 55.5300, 61.4578



32.3789, 35.2187, 40.6891



7.1666, 7.1231, 7.8636



12.2813, 6.2686, 3.4057



0.2792, 0.1402, 0.1831

Previews

White Background



This preview shows how the XYZ color 32.3398, 32.1786, 35.5169 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 32.3398, 32.1786, 35.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

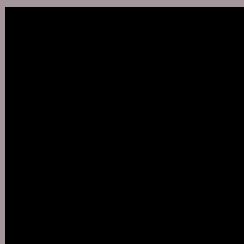
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

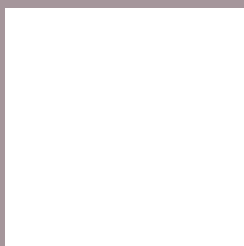
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3398, 32.1786, 35.5169

Background



This preview shows how black text looks on a background with the XYZ color 32.3398, 32.1786, 35.5169.



This preview shows how white text looks on a background with the XYZ color 32.3398, 32.1786,

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

32.3398, 32.1786, 35.5169

Protanopia

31.1873, 32.2847, 36.4861

Deuteranopia

32.8123, 32.1863, 35.4935



Tritanopia

32.9064, 32.1751, 38.1943

Trichromacy



Original Color

32.3398, 32.1786, 35.5169

Protanomaly

31.5271, 32.2277, 36.0114

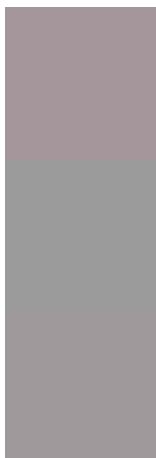
Deuteranomaly

32.6002, 32.0769, 35.4836

Tritanomaly

32.7313, 32.1051, 37.2727

Monochromacy



Original Color

32.3398, 32.1786, 35.5169

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.6057, 32.5200, 35.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3398, 32.1786, 35.5169 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(165, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 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(165, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.3398, 32.1786, 35.5169 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(165, 150, 155) }
```


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

```
.border{ border-color:rgb(165, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3398, 32.1786, 35.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 155) }
```

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

```
.background{ background-color: rgb(165,  
150, 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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