

Converting Colors

XYZ(32.3153, 32.4954, 36.0395)

Have a look what the booklet for
XYZ(32.3153, 32.4954, 36.0395)
contains.

XYZ(32.1716, 32.3200, 35.9953)	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(32.1716, 32.3200,
35.9953)**

Conversions

Conversions Part 1

Format	Color
Hex	A3979C
RGB	163, 151, 156
RGB Percent	64%, 59%, 61%
CMY	0.3608, 0.4078, 0.3882
CMYK	0.00, 0.07, 0.04, 0.36
HSL	335°, 6%, 62%
HSV	335°, 7%, 64%
XYZ	32.1716, 32.3200, 35.9953
YIQ	155.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

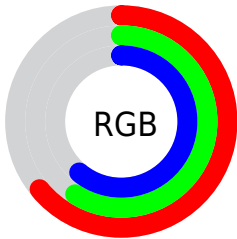
Format	Color
RYB	163, 151, 156
Decimal	10721180
CIELab	63.61, 5.32, -1.04
CIELCh	64, 5.425, 348.971
Yxy	32.3200, 0.3202, 0.3216
Android (android.graphics.Color)	4288911260 (0xFFA3979C)
YUV	155.1580, 0.4151, 6.8774
Hunter-Lab	56.8507, 1.5238, 2.2557

Details

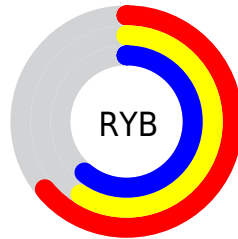
The XYZ color **32.1716, 32.3200, 35.9953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0324, 35.2431, 37.4637**, and the grayscale version is **31.2229, 32.8489, 35.7725**.

A 20% lighter version of the original color is **62.3776, 63.2212, 69.8880**, and **13.6625, 13.5138, 15.2529** is the 20% darker color. If you saturate the color by 10%, you get **28.9537, 27.1226, 31.1039**, and if you desaturate by 10%, it is **35.8171, 38.2708, 41.3411**.

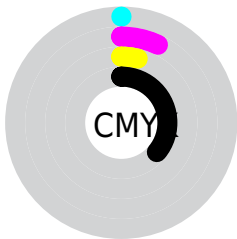
Distribution



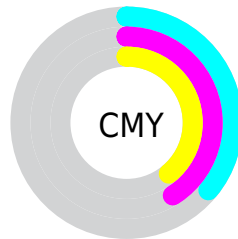
- Red (64%)
- Green (59%)
- Blue (61%)



- Red (64%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (36%)





- Cyan (36%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1716, 32.3200, 35.9953 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 32.1716, 32.3200, 35.9953 by changing the saturation by 10% instead.


 32.1716, 32.3200,
35.9953


 32.1716, 32.3200,
35.9953


303.6316,
312.5744, 343.9768

 21.6488, 21.6060,
24.1409

 62.4434, 63.3124,
70.1938

 13.7142, 13.5677,
15.2250


 82.9231, 84.3596,
93.3749

 8.0025, 7.8206,
8.8291

107.4524,
109.6201, 121.1688

 4.1484, 3.9804,
4.5346

136.3968,
139.4782, 153.9938

 1.7864, 1.6626,
1.9230

170.1215,
174.3182, 192.2686

 0.5095, 0.3993,
0.5073

208.9920,

 0.0000, 0.0000,

214.5247, 236.4116

0.0000

253.3736,
260.4819, 286.8415

■ 32.1716, 32.3200,
35.9953

■ 32.1716, 32.3200,
35.9953

■ 28.9537, 27.1226,
31.1039

■ 35.8171, 38.2708,
41.3411

■ 26.1445, 22.6443,
26.6524

■ 39.9028, 44.9993,
47.1513

■ 23.7275, 18.8543,
22.6284

■ 44.4441, 52.5338,
53.4380

■ 21.6842, 15.7179,
19.0180

■ 49.4550, 60.9000,
60.2122

■ 19.9944, 13.1974,
15.8067

■ 54.9487, 70.1224,
67.4848

■ 18.6361, 11.2511,
12.9786

■ 60.9379, 80.2244,
75.2659

■ 17.5843, 9.8322,
10.5169

■ 64.1263, 84.6114,
82.4627

■ 16.8103, 8.8865,
8.4029

■ 65.4418, 85.1376,
89.3903

■ 16.2696, 8.3274,
6.6120

■ 66.8305, 85.6931,
96.7031

Harmonies

Analogous

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



31.8315, 32.3200, 38.0018



32.1716, 32.3200, 35.9953



32.1178, 32.3200, 33.8518

Triad

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



32.1716, 32.3200, 35.9953



30.2480, 32.3200, 31.3905



29.7726, 32.3200, 38.4336

Complementary

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



32.1716, 32.3200, 35.9953



32.0324, 35.2431, 37.4637

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.



29.3618, 32.3200, 36.5650



32.1716, 32.3200, 35.9953



29.6331, 32.3200, 32.5223

Square

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



32.1716, 32.3200, 35.9953



30.9988, 32.3200, 31.2521



29.3112, 32.3200, 34.3987



30.4413, 32.3200, 39.4476

Rectangle

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



32.1716, 32.3200, 35.9953



31.8659, 32.3200, 32.6313



29.3112, 32.3200, 34.3987



29.6003, 32.3200, 37.8811

Sweetspot

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



32.1725, 32.3214, 35.9960



60.9955, 63.3854, 69.4585



31.7791, 32.0481, 39.1617



13.7165, 14.2641, 15.6252



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.



32.1725, 32.3214, 35.9960



56.5207, 56.1043, 62.8229



31.9195, 32.4787, 33.8665



7.1904, 7.1326, 7.9892



12.5689, 6.3836, 4.9206



0.2874, 0.1435, 0.2261

Inverse Universe

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



32.1725, 32.3214, 35.9960



56.5207, 56.1043, 62.8229



32.2947, 35.0651, 39.7169



7.1904, 7.1326, 7.9892



12.5689, 6.3836, 4.9206



0.2874, 0.1435, 0.2261

Previews

White Background



This preview shows how the XYZ color 32.1716, 32.3200, 35.9953 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 32.1716, 32.3200, 35.9953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

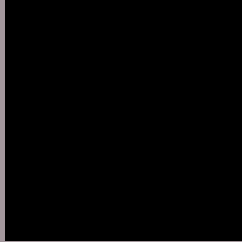
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1716, 32.3200, 35.9953

Background



This preview shows how black text looks on a background with the XYZ color 32.1716, 32.3200, 35.9953.



This preview shows how white text looks on a background with the XYZ color 32.1716, 32.3200,

35.9953.

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

32.1716, 32.3200, 35.9953

Protanopia

31.1873, 32.2847, 36.4861

Deuteranopia

32.8966, 32.2200, 35.9377



Tritanopia

32.7378, 32.3138, 38.6941

Trichromacy



Original Color

32.1716, 32.3200, 35.9953

Protanomaly

31.6121, 32.2617, 36.4593

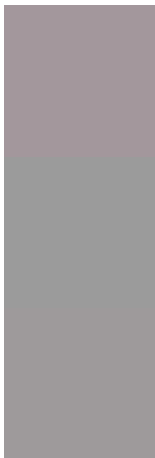
Deuteranomaly

32.6330, 32.3200, 35.9709

Tritanomaly

32.5614, 32.2433, 37.7651

Monochromacy



Original Color

32.1716, 32.3200, 35.9953

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5725, 32.7469, 35.6671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1716, 32.3200, 35.9953 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(163, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 151, 156)  
}
```

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(163, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 151, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.1716, 32.3200, 35.9953 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(163, 151, 156) }
```


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

```
.border{ border-color:rgb(163, 151, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(163, 151,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1716, 32.3200, 35.9953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 151, 156) }
```

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

```
.background{ background-color: rgb(163,  
151, 156) }
```

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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