

Converting Colors

XYZ(32.3392, 35.2490, 39.5516)

Have a look what the booklet for
XYZ(32.3392, 35.2490, 39.5516)
contains.

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Color

**XYZ(32.4706, 35.4180,
39.7753)**

Conversions

Conversions Part 1

Format	Color
Hex	97A3A3
RGB	151, 163, 163
RGB Percent	59%, 64%, 64%
CMY	0.4078, 0.3608, 0.3608
CMYK	0.07, 0.00, 0.00, 0.36
HSL	180°, 6%, 62%
HSV	180°, 7%, 64%
XYZ	32.4706, 35.4180, 39.7753
YIQ	159.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

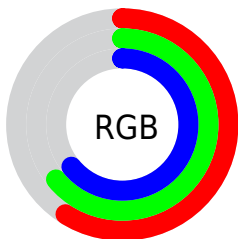
Format	Color
RYB	151, 157, 163
Decimal	9937827
CIELab	66.07, -4.23, -1.47
CIElCh	66, 4.477, 199.117
Yxy	35.4180, 0.3016, 0.3290
Android (android.graphics.Color)	4288127907 (0xFF97A3A3)
YUV	159.4120, 1.7689, -7.3773
Hunter-Lab	59.5130, -6.7573, 2.0329

Details

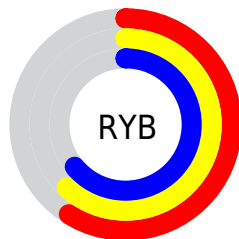
The XYZ color **32.4706, 35.4180, 39.7753** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7581, 32.1552, 33.8127**, and the grayscale version is **33.1386, 34.8644, 37.9673**.

A 20% lighter version of the original color is **62.9031, 68.1839, 76.1751**, and **13.8092, 15.2259, 17.2500** is the 20% darker color. If you saturate the color by 10%, you get **29.6522, 33.9661, 39.6426**, and if you desaturate by 10%, it is **35.7093, 37.0886, 39.9291**.

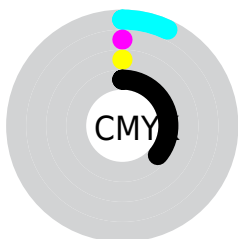
Distribution



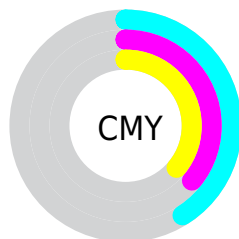
- Red (59%)
- Green (64%)
- Blue (64%)



- Red (59%)
- Yellow (62%)
- Blue (64%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4706, 35.4180, 39.7753 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 32.4706, 35.4180, 39.7753 by changing the saturation by 10% instead.

■ 32.4706, 35.4180,
39.7753

■ 32.4706, 35.4180,
39.7753

304.9648,
326.4095, 360.6995

■ 21.8785, 23.9850,
27.0509

■ 62.9083, 68.1328,
76.0546

■ 13.8837, 15.3225,
17.3787

■ 83.4847, 90.1835,
100.4466

■ 8.1210, 9.0461,
10.3401

108.1198,
116.5421, 129.5648

■ 4.2249, 4.7712,
5.5165

137.1791,
147.5932, 163.8279

■ 1.8302, 2.1137,
2.4894

171.0279,
183.7211, 203.6544

■ 0.5357, 0.6723,
0.8345

210.0315,

■ 0.0000, 0.0000,

225.3102, 249.4628

0.0000

254.5554,
272.7449, 301.6716

■ 32.4706, 35.4180,
39.7753

■ 32.4706, 35.4180,
39.7753

■ 29.6522, 33.9661,
39.6426

■ 35.7093, 37.0886,
39.9291

■ 27.2340, 32.7195,
39.5280

■ 39.3814, 38.9816,
40.1024

■ 25.1988, 31.6703,
39.4313

■ 43.5031, 41.1063,
40.2968

■ 23.5270, 30.8085,
39.3515

■ 48.0889, 43.4704,
40.5129

■ 22.1972, 30.1230,
39.2878

■ 53.1526, 46.0808,
40.7514

■ 21.1858, 29.6016,
39.2390

■ 58.7075, 48.9444,
41.0128

■ 20.4661, 29.2307,
39.2038

■ 60.9508, 50.1008,
41.1193

■ 20.0073, 28.9942,
39.1809

■ 60.9511, 50.1009,
41.1208

■ 19.7600, 28.8667,
39.1678

■ 60.9513, 50.1010,
41.1223

Harmonies

Analogous

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



32.4243, 35.4180, 37.8772



32.4706, 35.4180, 39.7753



32.8342, 35.4180, 41.3981

Triad

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



32.4706, 35.4180, 39.7753



34.6392, 35.4180, 41.0097



33.9056, 35.4180, 35.0804

Complementary

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



32.4706, 35.4180, 39.7753



31.7581, 32.1552, 33.8127

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.



34.5072, 35.4180, 35.8626



32.4706, 35.4180, 39.7753



34.9344, 35.4180, 39.2594

Square

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



32.4706, 35.4180, 39.7753



34.0840, 35.4180, 42.1269



34.8858, 35.4180, 37.3779



33.2469, 35.4180, 35.2083

Rectangle

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



32.4706, 35.4180, 39.7753



33.2102, 35.4180, 42.0859



34.8858, 35.4180, 37.3779



34.1214, 35.4180, 35.2446

Sweetspot

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



32.4716, 35.4195, 39.7761



61.1443, 64.9735, 71.3741



31.4839, 35.0287, 34.3808



13.7480, 14.6006, 16.0310



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.



32.4716, 35.4195, 39.7761



57.1860, 62.9329, 71.1869



31.4653, 33.4065, 39.4417



7.2761, 8.0112, 9.0656



15.3146, 22.4122, 30.4371



0.3218, 0.4709, 0.6396

Inverse Universe

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



31.7581, 32.1552, 33.8127



55.6142, 55.7417, 58.0495



32.7146, 34.0685, 34.1306



7.0738, 7.0860, 7.3753



11.7390, 6.0517, 0.5502



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 32.4706, 35.4180, 39.7753 looks on a white background.

Color Contrast Check

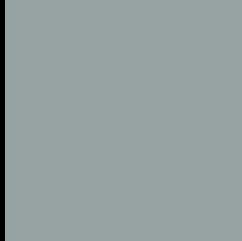
Large Text (above 18pt) WCAG AA × Fail

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 32.4706, 35.4180, 39.7753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

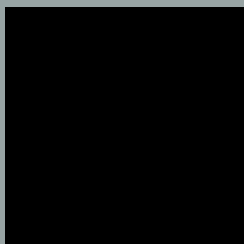
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

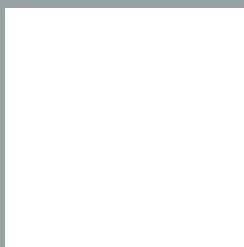
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4706, 35.4180, 39.7753

Background



This preview shows how black text looks on a background with the XYZ color 32.4706, 35.4180, 39.7753.



This preview shows how white text looks on a background with the XYZ color 32.4706, 35.4180,

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

32.4706, 35.4180, 39.7753

Protanopia

34.1081, 35.5014, 38.7730

Deuteranopia

35.9684, 35.1580, 40.4877



Tritanopia

33.5217, 35.3180, 45.0947

Trichromacy



Original Color

32.4706, 35.4180, 39.7753

Protanomaly

33.5645, 35.4693, 39.2596

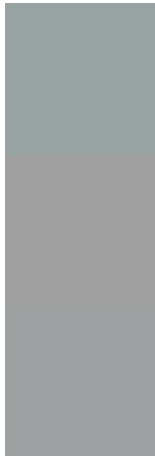
Deuteranomaly

34.6536, 35.2410, 40.0977

Tritanomaly

33.1249, 35.4183, 43.1208

Monochromacy



Original Color

32.4706, 35.4180, 39.7753

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6263, 34.7476, 38.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4706, 35.4180, 39.7753 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(151, 163, 163)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 32.4706, 35.4180, 39.7753 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(151, 163, 163) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 32.4706, 35.4180, 39.7753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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