

Converting Colors

XYZ(31.2676, 35.3144, 31.0758)

Have a look what the booklet for
XYZ(31.2676, 35.3144, 31.0758)
contains.

XYZ(31.1823, 35.2095, 31.1392)	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(31.1823, 35.2095,
31.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	98A48F
RGB	152, 164, 143
RGB Percent	60%, 64%, 56%
CMY	0.4039, 0.3568, 0.4392
CMYK	0.07, 0.00, 0.13, 0.36
HSL	94°, 10%, 60%
HSV	94°, 13%, 64%
XYZ	31.1823, 35.2095, 31.1392
YIQ	158.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

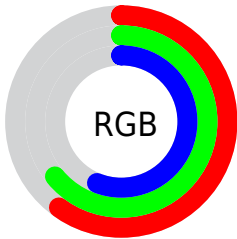
Format	Color
RYB	143, 164, 155
Decimal	10003599
CIELab	65.91, -8.22, 9.46
CIElCh	66, 12.530, 130.993
Yxy	35.2095, 0.3197, 0.3610
Android (android.graphics.Color)	4288193679 (0xFF98A48F)
YUV	158.0180, -7.4039, -5.2778
Hunter-Lab	59.3376, -10.0379, 10.4221

Details

The XYZ color **31.1823, 35.2095, 31.1392** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0422, 29.2947, 39.1949**, and the grayscale version is **32.5410, 34.2357, 37.2827**.

A 20% lighter version of the original color is **60.8632, 67.8161, 62.7053**, and **13.1368, 15.1454, 12.5869** is the 20% darker color. If you saturate the color by 10%, you get **28.3444, 33.8807, 24.9883**, and if you desaturate by 10%, it is **34.3425, 36.6854, 38.2549**.

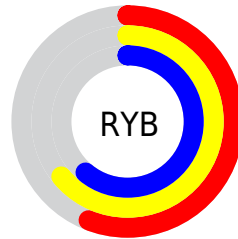
Distribution



Red (60%)

Green (64%)

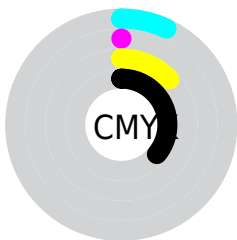
Blue (56%)



Red (56%)

Yellow (64%)

Blue (61%)

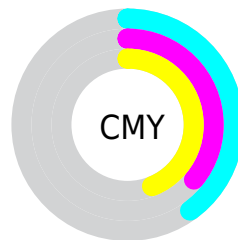


Cyan (7%)

Magenta (0%)

Yellow (13%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1823, 35.2095, 31.1392 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 31.1823, 35.2095, 31.1392 by changing the saturation by 10% instead.

■ 31.1823, 35.2095,
31.1392

■ 31.1823, 35.2095,
31.1392

299.1892,
325.4921, 321.5501

■ 20.8902, 23.8243,
20.4455

■ 60.9009, 67.8102,
62.5413

■ 13.1558, 15.2033,
12.5320

■ 81.0580, 89.7945,
84.0868

■ 7.6136, 8.9622,
6.9802

105.2343,
116.0806, 110.0867

■ 3.8984, 4.7165,
3.3714

133.7950,
147.0529, 140.9594

■ 1.6448, 2.0819,
1.2873

167.1055,
183.0958, 177.1236

■ 0.4214, 0.6544,
0.0513

205.5311,

■ 0.0000, 0.0000,

224.5937, 218.9977

0.0000

249.4372,
271.9310, 267.0004

■ 31.1823, 35.2095,
31.1392

■ 31.1823, 35.2095,
31.1392

■ 28.3444, 33.8807,
24.9883

■ 34.3425, 36.6854,
38.2549

■ 25.8148, 32.6898,
19.7583

■ 37.8325, 38.3086,
46.3720

■ 23.5828, 31.6332,
15.4056

■ 41.6632, 40.0847,
55.5281

■ 21.6358, 30.7055,
11.8818

■ 45.8442, 42.0180,
65.7581

■ 19.9603, 29.9008,
9.1342

■ 50.3845, 44.1124,
77.0954

■ 18.5412, 29.2127,
7.1037

■ 55.2930, 46.3717,
89.5719

■ 17.3621, 28.6342,
5.7230

■ 60.1232, 48.6177,
100.8231

■ 16.4034, 28.1569,
4.9117

■ 62.9994, 50.1004,
100.9577

■ 15.8219, 27.8647,
4.5445

■ 66.0365, 51.6661,
101.0998

Harmonies

Analogous

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



32.7907, 35.2095, 29.1671



31.1823, 35.2095, 31.1392



30.2085, 35.2095, 35.1088

Triad

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



31.1823, 35.2095, 31.1392



32.3185, 35.2095, 48.8172



37.0866, 35.2095, 36.4241

Complementary

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



31.1823, 35.2095, 31.1392



30.0422, 29.2947, 39.1949

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.



36.9487, 35.2095, 41.7576



31.1823, 35.2095, 31.1392



34.1496, 35.2095, 49.2522

Square

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



31.1823, 35.2095, 31.1392



30.8476, 35.2095, 45.4280



35.8577, 35.2095, 46.5668



36.2277, 35.2095, 32.0254

Rectangle

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



31.1823, 35.2095, 31.1392



30.0279, 35.2095, 38.5142



35.8577, 35.2095, 46.5668



37.1561, 35.2095, 38.1606

Sweetspot

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



31.1833, 35.2110, 31.1400



61.5736, 66.2324, 67.6973



31.9738, 33.2865, 30.7268



13.3673, 14.4359, 14.5861



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.



31.1833, 35.2110, 31.1400



55.2707, 63.2888, 53.5968



29.6689, 34.4180, 31.6263



7.2599, 8.0365, 7.5486



12.1834, 21.3912, 3.4868



0.3096, 0.4771, 0.0758

Inverse Universe

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



30.0422, 29.2947, 39.1949



52.8405, 50.6888, 70.7513



31.7087, 30.1684, 38.6163



7.0697, 7.0503, 8.8913



8.7111, 3.8972, 27.2229



0.2357, 0.1090, 0.5745

Previews

White Background



This preview shows how the XYZ color 31.1823, 35.2095, 31.1392 looks on a white background.

Color Contrast Check

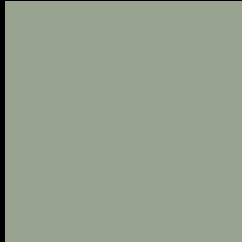
Large Text (above 18pt) WCAG AA × Fail

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 31.1823, 35.2095, 31.1392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

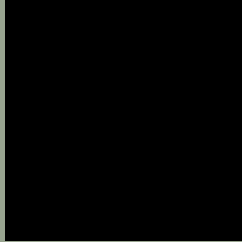
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.1823, 35.2095, 31.1392

Background



This preview shows how black text looks on a background with the XYZ color 31.1823, 35.2095, 31.1392.



This preview shows how white text looks on a background with the XYZ color 31.1823, 35.2095,

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

31.1823, 35.2095, 31.1392

Protanopia

33.1422, 34.9349, 30.1956

Deuteranopia

35.7225, 34.9793, 31.6570



Tritanopia

33.9218, 35.2883, 44.0532

Trichromacy



Original Color

31.1823, 35.2095, 31.1392

Protanomaly

32.5276, 35.1241, 30.6564

Deuteranomaly

33.8385, 35.0134, 31.3603

Tritanomaly

32.6955, 35.0315, 38.7567

Monochromacy



Original Color

31.1823, 35.2095, 31.1392

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0309, 34.5094, 35.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1823, 35.2095, 31.1392 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(152, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 143)  
}
```

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(152, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.1823, 35.2095, 31.1392 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(152, 164, 143) }
```


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

```
.border{ border-color:rgb(152, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1823, 35.2095, 31.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 143) }
```

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

```
.background{ background-color: rgb(152,  
164, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor