

Converting Colors

XYZ(32.0597, 40.7224, 31.1940)

Have a look what the booklet for
XYZ(32.0597, 40.7224, 31.1940)
contains.

XYZ(32.1831, 40.8680, 31.3914)	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(32.1831, 40.8680,
31.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB68D
RGB	139, 182, 141
RGB Percent	55%, 71%, 55%
CMY	0.4549, 0.2863, 0.4471
CMYK	0.24, 0.00, 0.23, 0.29
HSL	123°, 23%, 63%
HSV	123°, 24%, 71%
XYZ	32.1831, 40.8680, 31.3914
YIQ	164.4690, -12.4670, -21.8670

Conversions

Conversions Part 2

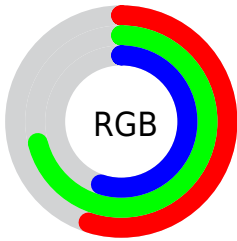
Format	Color
RYB	139, 180, 182
Decimal	9156237
CIELab	70.08, -22.55, 16.30
CIELCh	70, 27.823, 144.147
Yxy	40.8680, 0.3081, 0.3913
Android (android.graphics.Color)	4287346317 (0xFF8BB68D)
YUV	164.4690, -11.5702, -22.3363
Hunter-Lab	63.9281, -22.0125, 15.6358

Details

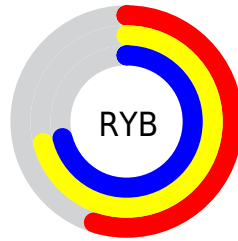
The XYZ color **32.1831, 40.8680, 31.3914** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7636, 31.7064, 47.3639**, and the grayscale version is **35.5688, 37.4211, 40.7516**.

A 20% lighter version of the original color is **62.4172, 76.4267, 63.0918**, and **13.7631, 18.5306, 12.7489** is the 20% darker color. If you saturate the color by 10%, you get **28.2018, 38.9545, 24.9849**, and if you desaturate by 10%, it is **36.8748, 43.1268, 38.8890**.

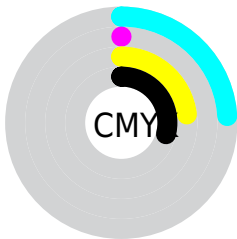
Distribution



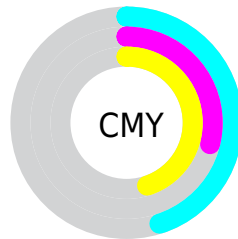
- Red (55%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (45%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1831, 40.8680, 31.3914 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 32.1831, 40.8680, 31.3914 by changing the saturation by 10% instead.


 32.1831, 40.8680,
31.3914


 32.1831, 40.8680,
31.3914


303.6830,
349.7686, 322.7443


 21.6576, 28.2160,
20.6361


 62.4613, 76.4835,
62.9425

 13.7207, 18.4885,
12.6696

 82.9447, 100.2157,
84.5755

 8.0071, 11.3013,
7.0734


 107.4781,
128.4101, 110.6714

 4.1513, 6.2699,
3.4289

136.4269,
161.4511, 141.6488

 1.7881, 3.0099,
1.3176

170.1564,
199.7230, 177.9263

 0.5105, 1.1369,
0.0761

209.0321,

 0.0000, 0.0092,

243.6103, 219.9223

0.0000

253.4191,
293.4974, 268.0555

■ 0.0000, 0.0000,
0.0000

■ 32.1831, 40.8680,
31.3914

■ 32.1831, 40.8680,
31.3914

■ 28.2018, 38.9545,
24.9849

■ 36.8748, 43.1268,
38.8890

■ 24.8934, 37.3643,
19.6162

■ 42.3059, 45.7411,
47.5225

■ 22.2215, 36.0812,
15.2314

■ 48.5074, 48.7273,
57.3371

■ 20.1453, 35.0853,
11.7710

■ 55.5079, 52.0991,
68.3752

■ 18.6190, 34.3545,
9.1687

■ 63.3343, 55.8696,
80.6767

■ 17.5904, 33.8634,
7.3496

■ 72.0124, 60.0512,
94.2799

■ 16.9969, 33.5817,
6.2261

■ 76.0188, 61.9376,
102.5563

■ 16.7752, 33.4761,
5.8206

Harmonies

Analogous

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



35.3777, 40.8680, 25.3464



32.1831, 40.8680, 31.3914



30.7836, 40.8680, 41.9949

Triad

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



32.1831, 40.8680, 31.3914



37.9596, 40.8680, 74.3241



47.3753, 40.8680, 35.0259

Complementary

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



32.1831, 40.8680, 31.3914



36.7636, 31.7064, 47.3639

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.



48.2009, 40.8680, 47.0992



32.1831, 40.8680, 31.3914



42.5292, 40.8680, 71.4626

Square

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



32.1831, 40.8680, 31.3914



33.9474, 40.8680, 68.0199



46.3654, 40.8680, 60.8239



44.1898, 40.8680, 27.1406

Rectangle

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



32.1831, 40.8680, 31.3914



30.9719, 40.8680, 50.8994



46.3654, 40.8680, 60.8239



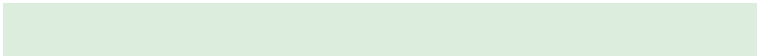
47.9479, 40.8680, 38.6577

Sweetspot

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



32.1842, 40.8697, 31.3923



73.1035, 81.1944, 80.4509



40.3446, 45.0936, 31.0039



16.0147, 17.8700, 17.5600



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.1842, 40.8697, 31.3923



54.6916, 72.3346, 51.0410



33.8922, 41.5529, 40.3867



8.9068, 10.0667, 9.6668



11.8527, 23.6420, 4.1465



0.4236, 0.8357, 0.1765

Inverse Universe

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



36.7636, 31.7064, 47.3639



64.3504, 53.0050, 84.7266



34.7891, 30.9166, 36.9662



9.3624, 9.1553, 11.2558



18.9934, 9.1711, 28.9157



0.6751, 0.3255, 1.0487

Previews

White Background



This preview shows how the XYZ color 32.1831, 40.8680, 31.3914 looks on a white background.

Color Contrast Check

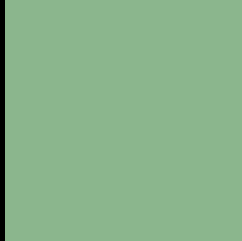
Large Text (above 18pt) WCAG AA × Fail

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 32.1831, 40.8680, 31.3914 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 32.1831, 40.8680, 31.3914

Background



This preview shows how black text looks on a background with the XYZ color 32.1831, 40.8680, 31.3914.



This preview shows how white text looks on a background with the XYZ color 32.1831, 40.8680,

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

32.1831, 40.8680, 31.3914

Protanopia

38.1101, 40.4721, 29.0958

Deuteranopia

41.1512, 40.3310, 32.4038



Tritanopia

36.7280, 40.6300, 54.0507

Trichromacy



Original Color

32.1831, 40.8680, 31.3914

Protanomaly

35.4494, 40.2141, 29.9385

Deuteranomaly

37.2761, 40.2534, 32.1906

Tritanomaly

35.0438, 40.8391, 45.0655

Monochromacy



Original Color

32.1831, 40.8680, 31.3914

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.0812, 38.4947, 37.0864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1831, 40.8680, 31.3914 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(139, 182, 141)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 141)  
}
```

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(139, 182, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.1831, 40.8680, 31.3914 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(139, 182, 141) }
```


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

```
.border{ border-color:rgb(139, 182, 141) }
```

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

Here you see how a box with a 4 pixel rgb(139, 182, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 182, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 182, 141);  
box-shadow:4px 4px 4px 4px rgb(139, 182,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1831, 40.8680, 31.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 141) }
```

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

```
.background{ background-color: rgb(139,  
182, 141) }
```

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