

Converting Colors

XYZ(32.2085, 39.9696, 31.6875)

Have a look what the booklet for
XYZ(32.2085, 39.9696, 31.6875)
contains.

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Color

**XYZ(32.1579, 39.9440,
31.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB38E
RGB	142, 179, 142
RGB Percent	56%, 70%, 56%
CMY	0.4431, 0.2980, 0.4431
CMYK	0.21, 0.00, 0.21, 0.30
HSL	120°, 20%, 63%
HSV	120°, 21%, 70%
XYZ	32.1579, 39.9440, 31.6062
YIQ	163.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

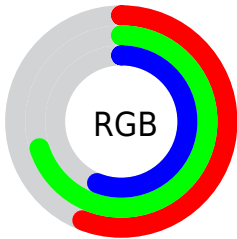
Format	Color
RYB	142, 179, 179
Decimal	9352078
CIELab	69.43, -19.82, 14.87
CIELCh	69, 24.781, 143.130
Yxy	39.9440, 0.3101, 0.3852
Android (android.graphics.Color)	4287542158 (0xFF8EB38E)
YUV	163.7190, -10.7075, -19.0476
Hunter-Lab	63.2013, -19.7783, 14.5907

Details

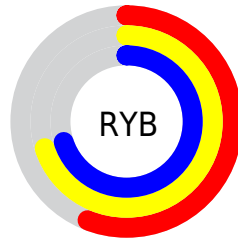
The XYZ color **32.1579, 39.9440, 31.6062** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.4015, 32.1852, 46.9434**, and the grayscale version is **35.2066, 37.0401, 40.3367**.

A 20% lighter version of the original color is **62.4371, 75.1379, 63.4368**, and **13.7070, 17.9186, 12.8614** is the 20% darker color. If you saturate the color by 10%, you get **28.0921, 37.9922, 24.9550**, and if you desaturate by 10%, it is **36.9349, 42.2398, 39.4190**.

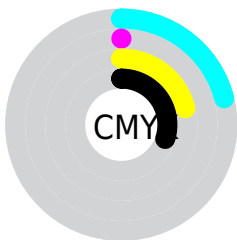
Distribution



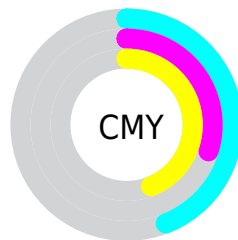
- Red (56%)
- Green (70%)
- Blue (56%)



- Red (56%)
- Yellow (70%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)





- Cyan (44%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1579, 39.9440, 31.6062 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 32.1579, 39.9440, 31.6062 by changing the saturation by 10% instead.


 32.1579, 39.9440,
31.6062


 32.1579, 39.9440,
31.6062


303.5704,
345.8875, 323.7587


 21.6383, 27.4949,
20.7986


 62.4221, 75.0782,
63.2839

 13.7065, 17.9452,
12.7870


 82.8973, 98.5321,
84.9911

 7.9971, 10.9107,
7.1531

 107.4218,
126.4231, 111.1686

 4.1449, 6.0068,
3.4781

136.3609,
159.1355, 142.2348

 1.7844, 2.8492,
1.3436

170.0800,
197.0537, 178.6084

 0.5083, 1.0535,
0.0972

208.9443,

 0.0000, 0.0000,

240.5622, 220.7079

0.0000

253.3194,
290.0453, 268.9518

■ 32.1579, 39.9440,
31.6062

■ 32.1579, 39.9440,
31.6062

■ 28.0921, 37.9922,
24.9550

■ 36.9349, 42.2398,
39.4190

■ 24.7006, 36.3630,
19.4075

■ 42.4515, 44.8897,
48.4423

■ 21.9478, 35.0407,
14.9048

■ 48.7383, 47.9096,
58.7254

■ 19.7938, 34.0061,
11.3815

■ 55.8234, 51.3129,
70.3142

■ 18.1941, 33.2376,
8.7649

■ 63.7333, 55.1125,
83.2522

■ 17.0980, 32.7111,
6.9719

■ 72.4934, 59.3204,
97.5809

■ 16.4456, 32.3978,
5.9047

■ 75.4109, 60.7218,
102.3536

■ 16.1209, 32.2418,
5.3737

Harmonies

Analogous

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



35.0335, 39.9440, 26.2675



32.1579, 39.9440, 31.6062



30.8529, 39.9440, 40.9191

Triad

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



32.1579, 39.9440, 31.6062



37.0561, 39.9440, 69.1291



45.4595, 39.9440, 35.4265

Complementary

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



32.1579, 39.9440, 31.6062



36.4015, 32.1852, 46.9434

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.



46.0951, 39.9440, 46.1711



32.1579, 39.9440, 31.6062



41.0568, 39.9440, 66.9634

Square

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



32.1579, 39.9440, 31.6062



33.5499, 39.9440, 63.5231



44.4335, 39.9440, 58.0373



42.7526, 39.9440, 28.1886

Rectangle

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



32.1579, 39.9440, 31.6062



30.9797, 39.9440, 48.6719



44.4335, 39.9440, 58.0373



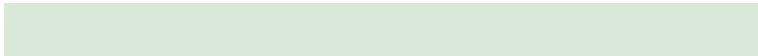
45.9299, 39.9440, 38.6937

Sweetspot

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



32.1590, 39.9457, 31.6071



70.4937, 77.7350, 77.7059



39.5948, 43.7790, 31.9548



15.4791, 17.1555, 16.9887



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.1590, 39.9457, 31.6071



53.9783, 69.8019, 50.6922



33.6656, 40.5483, 39.5409



8.3890, 9.4901, 9.0422



11.3912, 22.7825, 3.7971



0.3584, 0.7168, 0.1195

Inverse Universe

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



36.4015, 32.1852, 46.9434



63.0107, 53.2798, 83.3435



34.6537, 31.4861, 37.7396



8.8501, 8.6467, 10.7088



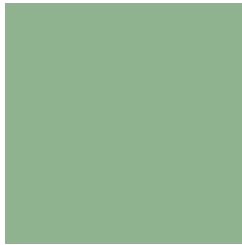
18.8864, 9.0721, 30.8916



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 32.1579, 39.9440, 31.6062 looks on a white background.

Color Contrast Check

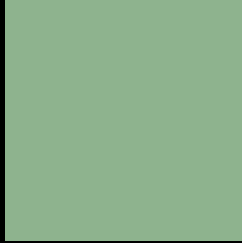
Large Text (above 18pt) WCAG AA × Fail

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 32.1579, 39.9440, 31.6062 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 32.1579, 39.9440, 31.6062

Background



This preview shows how black text looks on a background with the XYZ color 32.1579, 39.9440, 31.6062.



This preview shows how white text looks on a background with the XYZ color 32.1579, 39.9440,

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

32.1579, 39.9440, 31.6062

Protanopia

37.2937, 39.7658, 29.3769

Deuteranopia

40.4562, 39.7081, 32.3202



Tritanopia

36.4909, 39.9590, 52.8033

Trichromacy



Original Color

32.1579, 39.9440, 31.6062

Protanomaly

35.3297, 39.8582, 30.2574

Deuteranomaly

36.9012, 39.5035, 32.0656

Tritanomaly

34.7133, 39.8033, 44.3813

Monochromacy



Original Color

32.1579, 39.9440, 31.6062

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.8990, 37.8442, 36.9705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1579, 39.9440, 31.6062 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(142, 179, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 179, 142)  
}
```

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(142, 179, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 179, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.1579, 39.9440, 31.6062 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(142, 179, 142) }
```


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

```
.border{ border-color:rgb(142, 179, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 179, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 179, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 179, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 179,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1579, 39.9440, 31.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 179, 142) }
```

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

```
.background{ background-color: rgb(142,  
179, 142) }
```

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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