

Converting Colors

XYZ(32.0361, 39.1806, 36.4460)

Have a look what the booklet for
XYZ(32.0361, 39.1806, 36.4460)
contains.

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Color

**XYZ(32.0361, 39.1806,
36.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB19A
RGB	138, 177, 154
RGB Percent	54%, 69%, 60%
CMY	0.4588, 0.3059, 0.3961
CMYK	0.22, 0.00, 0.13, 0.31
HSL	145°, 20%, 62%
HSV	145°, 22%, 69%
XYZ	32.0361, 39.1806, 36.4460
YIQ	162.7170, -15.8610, -15.4210

Conversions

Conversions Part 2

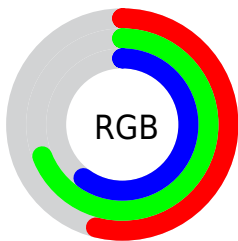
Format	Color
RYB	138, 166, 177
Decimal	9089434
CIELab	68.88, -17.90, 7.48
CIELCh	69, 19.405, 157.318
Yxy	39.1806, 0.2976, 0.3639
Android (android.graphics.Color)	4287279514 (0xFF8AB19A)
YUV	162.7170, -4.2975, -21.6768
Hunter-Lab	62.5944, -18.1831, 9.2941

Details

The XYZ color **32.0361, 39.1806, 36.4460** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.6543, 30.0982, 37.7556**, and the grayscale version is **34.7051, 36.5125, 39.7621**.

A 20% lighter version of the original color is **62.2623, 74.0384, 70.6838**, and **13.5863, 17.4208, 15.4784** is the 20% darker color. If you saturate the color by 10%, you get **28.5111, 37.4606, 31.9385**, and if you desaturate by 10%, it is **36.1162, 41.1802, 41.3759**.

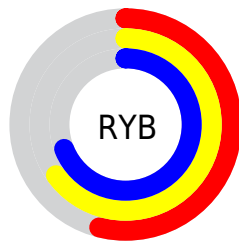
Distribution



Red (54%)

Green (69%)

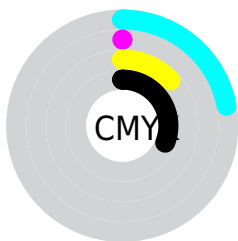
Blue (60%)



Red (54%)

Yellow (65%)

Blue (69%)

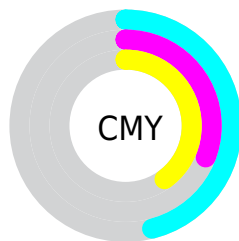


Cyan (22%)

Magenta (0%)

Yellow (13%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0361, 39.1806, 36.4460 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 32.0361, 39.1806, 36.4460 by changing the saturation by 10% instead.

■ 32.0361, 39.1806,
36.4460

■ 32.0361, 39.1806,
36.4460

303.0260,
342.6577, 346.0019

■ 21.5448, 26.9003,
24.4864

■ 62.2325, 73.9141,
70.8967

■ 13.6375, 17.4983,
15.4793

■ 82.6682, 97.1361,
94.2249

■ 7.9490, 10.5904,
9.0061

■ 107.1495,
124.7741, 122.1797

■ 4.1139, 5.7921,
4.6483

136.0417,
157.2124, 155.1796

■ 1.7667, 2.7191,
1.9873

169.7100,
194.8356, 193.6433

■ 0.4975, 0.9869,
0.5475

208.5200,

■ 0.0000, 0.0000,

238.0279, 237.9892

0.0000

252.8369,
287.1738, 288.6359

■ 32.0361, 39.1806,
36.4460

■ 32.0361, 39.1806,
36.4460

■ 28.5111, 37.4606,
31.9385

■ 36.1162, 41.1802,
41.3759

■ 25.5128, 36.0026,
27.8395

■ 40.7715, 43.4663,
46.7364

■ 23.0155, 34.7945,
24.1384

■ 46.0251, 46.0516,
52.5386

■ 20.9896, 33.8214,
20.8228

■ 51.8978, 48.9468,
58.7925

■ 19.4024, 33.0666,
17.8799

■ 58.4094, 52.1617,
65.5077

■ 18.2165, 32.5113,
15.2959

■ 65.5788, 55.7061,
72.6936

■ 17.3880, 32.1329,
13.0562

■ 70.8383, 58.2559,
80.2382

■ 16.9126, 31.9216,
11.5063

■ 72.3241, 58.8502,
88.0624

■ 73.8988, 59.4801,
96.3547

Harmonies

Analogous

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



33.7621, 39.1806, 30.5383



32.0361, 39.1806, 36.4460



31.6667, 39.1806, 44.8591

Triad

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



32.0361, 39.1806, 36.4460



37.9998, 39.1806, 61.8031



42.1539, 39.1806, 33.1782

Complementary

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



32.0361, 39.1806, 36.4460



33.6543, 30.0982, 37.7556

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.



43.4317, 39.1806, 40.5359



32.0361, 39.1806, 36.4460



40.9489, 39.1806, 57.6300

Square

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



32.0361, 39.1806, 36.4460



35.0015, 39.1806, 60.3118



42.9789, 39.1806, 49.5452



39.5720, 39.1806, 28.8411

Rectangle

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



32.0361, 39.1806, 36.4460



32.2196, 39.1806, 50.9323



42.9789, 39.1806, 49.5452



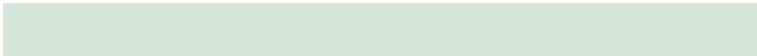
42.7565, 39.1806, 35.3375

Sweetspot

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



32.0372, 39.1822, 36.4469



68.6464, 75.6957, 78.7205



35.0896, 40.8997, 30.0903



14.7736, 16.3538, 16.9409



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.0372, 39.1822, 36.4469



54.4710, 68.7518, 61.6204



33.7572, 39.8702, 45.5042



8.5287, 9.5460, 9.7777



12.2819, 23.1387, 8.4873



0.4157, 0.7398, 0.4214

Inverse Universe

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



33.6543, 30.0982, 37.7556



57.8378, 49.8349, 64.3418



32.0961, 29.4749, 29.5501



8.6996, 8.5865, 9.9163



14.9923, 7.5145, 10.3855



0.4998, 0.2477, 0.4749

Previews

White Background



This preview shows how the XYZ color 32.0361, 39.1806, 36.4460 looks on a white background.

Color Contrast Check

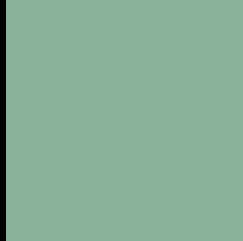
Large Text (above 18pt) WCAG AA × Fail

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 32.0361, 39.1806, 36.4460 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 32.0361, 39.1806, 36.4460

Background



This preview shows how black text looks on a background with the XYZ color 32.0361, 39.1806, 36.4460.



This preview shows how white text looks on a background with the XYZ color 32.0361, 39.1806,

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

32.0361, 39.1806, 36.4460

Protanopia

36.9227, 38.9213, 34.0003

Deuteranopia

39.7452, 38.9663, 37.3247



Tritanopia

35.1170, 38.9795, 52.1273

Trichromacy



Original Color

32.0361, 39.1806, 36.4460

Protanomaly

35.0491, 39.0416, 34.9666

Deuteranomaly

36.3970, 38.5838, 36.9816

Tritanomaly

33.9314, 39.0789, 45.7990

Monochromacy



Original Color

32.0361, 39.1806, 36.4460

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6742, 37.4134, 38.7044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0361, 39.1806, 36.4460 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(138, 177, 154)` looks like.

```
.text, #text, p{  
    color:rgb(138, 177, 154)  
}
```

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(138, 177, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 177, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.0361, 39.1806, 36.4460 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(138, 177, 154) }
```


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

```
.border{ border-color:rgb(138, 177, 154) }
```

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

Here you see how a box with a 4 pixel rgb(138, 177, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(138, 177,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0361, 39.1806, 36.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 177, 154) }
```

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

```
.background{ background-color: rgb(138,  
177, 154) }
```

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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