

Converting Colors

XYZ(32.3739, 38.6202, 30.1743)

Have a look what the booklet for
XYZ(32.3739, 38.6202, 30.1743)
contains.

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Color

**XYZ(32.3739, 38.6202,
30.1743)**

Conversions

Conversions Part 1

Format	Color
Hex	96AE8B
RGB	150, 174, 139
RGB Percent	59%, 68%, 55%
CMY	0.4118, 0.3176, 0.4549
CMYK	0.14, 0.00, 0.20, 0.32
HSL	101°, 18%, 61%
HSV	101°, 20%, 68%
XYZ	32.3739, 38.6202, 30.1743
YIQ	162.8340, -3.0690, -15.9730

Conversions

Conversions Part 2

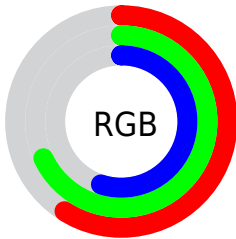
Format	Color
RYB	139, 174, 163
Decimal	9875083
CIELab	68.48, -14.93, 15.25
CIELCh	68, 21.346, 134.391
Yxy	38.6202, 0.3200, 0.3817
Android (android.graphics.Color)	4288065163 (0xFF96AE8B)
YUV	162.8340, -11.7502, -11.2554
Hunter-Lab	62.1452, -15.7662, 14.7136

Details

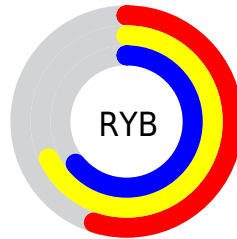
The XYZ color **32.3739, 38.6202, 30.1743** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.9785, 29.3089, 44.0182**, and the grayscale version is **34.7900, 36.6018, 39.8593**.

A 20% lighter version of the original color is **62.8243, 73.2813, 61.2856**, and **13.9083, 17.2930, 12.0560** is the 20% darker color. If you saturate the color by 10%, you get **29.1175, 37.0780, 23.9052**, and if you desaturate by 10%, it is **36.0584, 40.3620, 37.5214**.

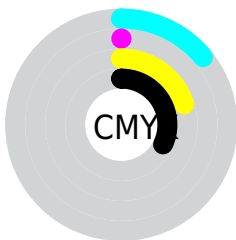
Distribution



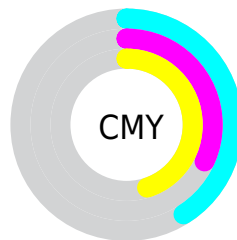
- Red (59%)
- Green (68%)
- Blue (55%)



- Red (55%)
- Yellow (68%)
- Blue (64%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (41%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3739, 38.6202, 30.1743 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 32.3739, 38.6202, 30.1743 by changing the saturation by 10% instead.

■ 32.3739, 38.6202,
30.1743

■ 32.3739, 38.6202,
30.1743

304.5341,
340.2730, 316.9486

■ 21.8042, 26.4644,
19.7178

■ 62.7580, 73.0578,
61.0020

■ 13.8289, 17.1714,
12.0080

■ 83.3032, 96.1083,
82.2102

■ 8.0826, 10.3568,
6.6265

■ 107.9041,
123.5592, 107.8394

■ 4.2001, 5.6361,
3.1548

136.9263,
155.7949, 138.3080

■ 1.8160, 2.6251,
1.1742

170.7350,
193.1997, 174.0348

■ 0.5273, 0.9393,
0.0000

209.6957,

■ 0.0000, 0.0000,

236.1581, 215.4381

0.0000

254.1736,
285.0544, 262.9365

■ 32.3739, 38.6202,
30.1743

■ 32.3739, 38.6202,
30.1743

■ 29.1175, 37.0780,
23.9052

■ 36.0584, 40.3620,
37.5214

■ 26.2699, 35.7231,
18.6609

■ 40.1832, 42.3052,
45.9913

■ 23.8148, 34.5495,
14.3877

■ 44.7639, 44.4580,
55.6293

■ 21.7336, 33.5489,
11.0257

■ 49.8142, 46.8267,
66.4773

■ 20.0060, 32.7122,
8.5084

■ 55.3474, 49.4171,
78.5754

■ 18.6095, 32.0295,
6.7606

■ 61.3762, 52.2351,
91.9618

■ 17.5183, 31.4895,
5.6933

■ 66.9640, 54.9064,
101.6764

■ 16.6948, 31.0768,
5.1185

■ 71.0042, 56.9892,
101.8654

■ 74.4268, 58.7537,
102.0256

Harmonies

Analogous

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



35.1261, 38.6202, 26.5641



32.3739, 38.6202, 30.1743



30.8341, 38.6202, 37.2695

Triad

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



32.3739, 38.6202, 30.1743



34.9975, 38.6202, 62.4896



43.3224, 38.6202, 37.6211

Complementary

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



32.3739, 38.6202, 30.1743



31.9785, 29.3089, 44.0182

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.



43.2827, 38.6202, 47.2245



32.3739, 38.6202, 30.1743



38.3353, 38.6202, 62.6222

Square

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



32.3739, 38.6202, 30.1743



32.2847, 38.6202, 56.3560



41.4112, 38.6202, 56.6947



41.5165, 38.6202, 30.3977

Rectangle

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



32.3739, 38.6202, 30.1743



30.6394, 38.6202, 43.4822



41.4112, 38.6202, 56.6947



43.5277, 38.6202, 40.6512

Sweetspot

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



32.3749, 38.6219, 30.1751



68.3055, 74.5775, 73.9674



35.1997, 37.0292, 29.7188



15.0777, 16.5267, 16.2274



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.



32.3749, 38.6219, 30.1751



56.0830, 68.8034, 49.5974



30.9277, 37.8200, 32.6276



8.1325, 9.0569, 8.5329



12.1634, 22.5675, 3.7149



0.3957, 0.6573, 0.1060

Inverse Universe

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



31.9785, 29.3089, 44.0182



55.2338, 48.9095, 79.1662



33.7188, 30.2766, 40.9111



8.0886, 8.0200, 10.0744



11.1548, 5.1104, 29.4430



0.3634, 0.1695, 0.8216

Previews

White Background



This preview shows how the XYZ color 32.3739, 38.6202, 30.1743 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 32.3739, 38.6202, 30.1743 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 32.3739, 38.6202, 30.1743

Background



This preview shows how black text looks on a background with the XYZ color 32.3739, 38.6202, 30.1743.



This preview shows how white text looks on a background with the XYZ color 32.3739, 38.6202,

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

32.3739, 38.6202, 30.1743

Protanopia

36.1409, 38.3688, 28.4228

Deuteranopia

39.1915, 38.3011, 30.9184



Tritanopia

36.3508, 38.5508, 49.7811

Trichromacy



Original Color

32.3739, 38.6202, 30.1743

Protanomaly

34.5683, 38.3690, 28.8766

Deuteranomaly

36.3943, 38.1805, 30.6507

Tritanomaly

34.5841, 38.3726, 41.6603

Monochromacy



Original Color

32.3739, 38.6202, 30.1743

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.7520, 37.2396, 35.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3739, 38.6202, 30.1743 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(150, 174, 139)` looks like.

```
.text, #text, p{  
    color:rgb(150, 174, 139)  
}
```

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(150, 174, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 174, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.3739, 38.6202, 30.1743 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(150, 174, 139) }
```


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

```
.border{ border-color:rgb(150, 174, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 174, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 174, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 174, 139);  
box-shadow:4px 4px 4px 4px rgb(150, 174,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3739, 38.6202, 30.1743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 174, 139) }
```

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

```
.background{ background-color: rgb(150,  
174, 139) }
```

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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