

Converting Colors

XYZ(38.6039, 40.7434, 32.5571)

Have a look what the booklet for
XYZ(38.6039, 40.7434, 32.5571)
contains.

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Color

**XYZ(38.5416, 40.6175,
32.5967)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AA91
RGB	181, 170, 145
RGB Percent	71%, 67%, 57%
CMY	0.2902, 0.3333, 0.4314
CMYK	0.00, 0.06, 0.20, 0.29
HSL	42°, 20%, 64%
HSV	42°, 20%, 71%
XYZ	38.5416, 40.6175, 32.5967
YIQ	170.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

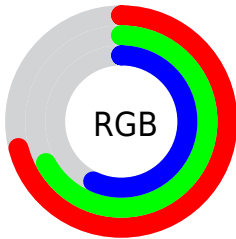
Format	Color
R _Y B	161, 181, 145
Decimal	11905681
CIE Lab	69.91, -0.21, 14.32
CIE LCh	70, 14.324, 90.820
Yxy	40.6175, 0.3449, 0.3634
Android (android.graphics.Color)	4290095761 (0xFFB5AA91)
YUV	170.4390, -12.5414, 9.2620
Hunter-Lab	63.7319, -3.5836, 14.2875

Details

The XYZ color **38.5416, 40.6175, 32.5967** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9059, 33.1322, 48.4299**, and the grayscale version is **38.4841, 40.4883, 44.0917**.

A 20% lighter version of the original color is **72.1591, 75.9785, 64.8950**, and **17.4009, 18.3542, 13.2153** is the 20% darker color. If you saturate the color by 10%, you get **36.2413, 38.0751, 25.4841**, and if you desaturate by 10%, it is **41.1101, 43.3397, 40.8967**.

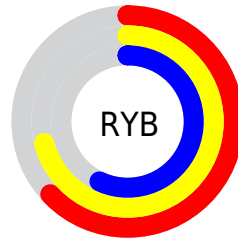
Distribution



Red (71%)

Green (67%)

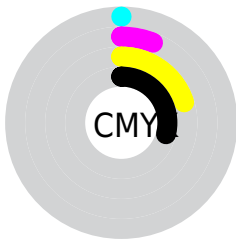
Blue (57%)



Red (63%)

Yellow (71%)

Blue (57%)

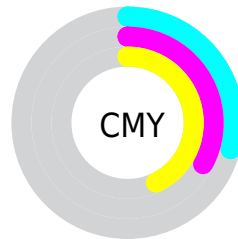


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5416, 40.6175, 32.5967 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 38.5416, 40.6175, 32.5967 by changing the saturation by 10% instead.


 38.5416, 40.6175,
32.5967


 38.5416, 40.6175,
32.5967


331.1784,
348.7194, 328.4046

 26.5824, 28.0203,
21.5491


 72.2361, 76.1029,
64.8541

 17.3948, 18.3410,
13.3308


 94.7021, 99.7599,
86.9010

 10.6134, 11.1951,
7.5233

121.4011,
127.8724, 113.4513

 5.8729, 6.1982,
3.7081

152.6984,
160.8246, 144.9238

 2.8079, 2.9660,
1.4666

188.9595,
199.0010, 181.7367

 1.0530, 1.1140,
0.1929

230.5496,

 0.0000, 0.0000,

242.7860, 224.3089

0.0000

277.8341,
292.5640, 273.0586

■ 38.5416, 40.6175,
32.5967

■ 38.5416, 40.6175,
32.5967

■ 36.2413, 38.0751,
25.4841

■ 41.1101, 43.3397,
40.8967

■ 34.1948, 35.7017,
19.5009

■ 43.9538, 46.2412,
50.4334

■ 32.3915, 33.4936,
14.5878

■ 47.0836, 49.3286,
61.2564

■ 30.8182, 31.4448,
10.6794

■ 50.5087, 52.6062,
73.4118

■ 29.4606, 29.5484,
7.7027

■ 54.2379, 56.0785,
86.9434

■ 28.3026, 27.7973,
5.5751

■ 58.2796, 59.7495,
101.8931

■ 27.3249, 26.1827,
4.1989

■ 59.8345, 62.5004,
103.5179

■ 26.4893, 24.6884,
3.3750

■ 61.2121, 65.2556,
103.9771

■ 26.4804, 24.6723,
3.3666

■ 62.6372, 68.1059,
104.4522

Harmonies

Analogous

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



40.8314, 40.6175, 33.9423



38.5416, 40.6175, 32.5967



36.3555, 40.6175, 34.0966

Triad

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



38.5416, 40.6175, 32.5967



34.8847, 40.6175, 51.1305



42.6509, 40.6175, 50.7807

Complementary

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



38.5416, 40.6175, 32.5967



31.9059, 33.1322, 48.4299

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.



40.9469, 40.6175, 56.1847



38.5416, 40.6175, 32.5967



36.4624, 40.6175, 56.4005

Square

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



38.5416, 40.6175, 32.5967



34.2971, 40.6175, 44.4095



38.6699, 40.6175, 58.3355



43.2609, 40.6175, 44.0421

Rectangle

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



38.5416, 40.6175, 32.5967



35.2360, 40.6175, 36.6048



38.6699, 40.6175, 58.3355



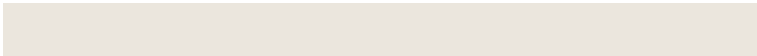
42.1838, 40.6175, 52.8367

Sweetspot

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



38.5427, 40.6193, 32.5976



75.4973, 79.5503, 79.4502



35.2166, 32.4890, 36.0458



16.2486, 17.1228, 16.9418



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.



38.5427, 40.6193, 32.5976



67.1112, 70.6535, 52.3758



39.1799, 44.1371, 33.2430



8.9736, 9.4598, 9.0055



18.3183, 17.1352, 2.3419



0.6250, 0.6364, 0.0899

Inverse Universe

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



31.9059, 33.1322, 48.4299



52.9918, 54.7272, 86.0650



31.3406, 30.2245, 47.8984



8.2466, 8.6395, 10.7393



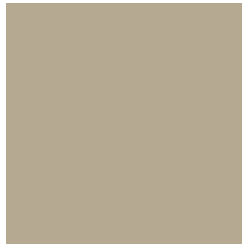
6.7557, 4.3118, 30.6132



0.2655, 0.2415, 0.9809

Previews

White Background



This preview shows how the XYZ color 38.5416, 40.6175, 32.5967 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 38.5416, 40.6175, 32.5967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

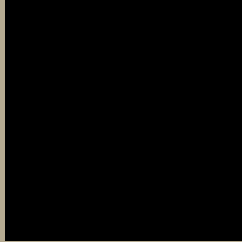
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5416, 40.6175, 32.5967

Background



This preview shows how black text looks on a background with the XYZ color 38.5416, 40.6175, 32.5967.



This preview shows how white text looks on a background with the XYZ color 38.5416, 40.6175,

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

38.5416, 40.6175, 32.5967

Protanopia

38.3080, 40.4971, 32.5857

Deuteranopia

41.2287, 40.3620, 32.8118



Tritanopia

41.4986, 40.4389, 47.7378

Trichromacy



Original Color

38.5416, 40.6175, 32.5967

Protanomaly

38.3080, 40.4971, 32.5857

Deuteranomaly

40.3104, 40.4241, 32.8722

Tritanomaly

40.4688, 40.5810, 41.7764

Monochromacy



Original Color

38.5416, 40.6175, 32.5967

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2633, 40.3213, 39.4843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5416, 40.6175, 32.5967 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(181, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 145)  
}
```

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(181, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.5416, 40.6175, 32.5967 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(181, 170, 145) }
```


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

```
.border{ border-color:rgb(181, 170, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5416, 40.6175, 32.5967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 145) }
```

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

```
.background{ background-color: rgb(181,  
170, 145) }
```

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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