

Converting Colors

XYZ(40.0477, 43.4417, 21.7269)

Have a look what the booklet for
XYZ(40.0477, 43.4417, 21.7269)
contains.

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Color

**XYZ(39.9358, 43.2969,
21.5815)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB070
RGB	191, 176, 112
RGB Percent	75%, 69%, 44%
CMY	0.2510, 0.3098, 0.5608
CMYK	0.00, 0.08, 0.41, 0.25
HSL	49°, 38%, 59%
HSV	49°, 41%, 75%
XYZ	39.9358, 43.2969, 21.5815
YIQ	173.1890, 29.4840, -16.7240

Conversions

Conversions Part 2

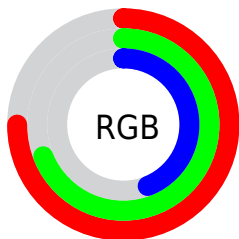
Format	Color
RYB	131, 191, 112
Decimal	12562544
CIELab	71.76, -3.76, 34.69
CIElCh	72, 34.897, 96.193
Yxy	43.2969, 0.3810, 0.4131
Android (android.graphics.Color)	4290752624 (0xFFBFB070)
YUV	173.1890, -30.1662, 15.6202
Hunter-Lab	65.8004, -6.8148, 26.6141

Details

The XYZ color **39.9358, 43.2969, 21.5815** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6752, 22.3843, 52.3629**, and the grayscale version is **39.9565, 42.0373, 45.7786**.

A 20% lighter version of the original color is **74.4344, 80.0082, 47.1173**, and **18.2582, 20.0084, 7.6023** is the 20% darker color. If you saturate the color by 10%, you get **38.2821, 41.5147, 16.3286**, and if you desaturate by 10%, it is **41.8362, 45.2113, 28.0306**.

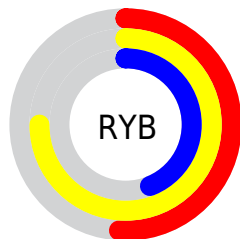
Distribution



Red (75%)

Green (69%)

Blue (44%)



Red (51%)

Yellow (75%)

Blue (44%)

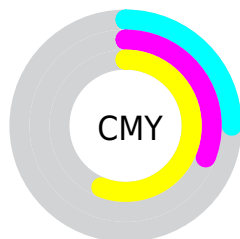


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9358, 43.2969, 21.5815 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 39.9358, 43.2969, 21.5815 by changing the saturation by 10% instead.

■ 39.9358, 43.2969,
21.5815

■ 39.9358, 43.2969,
21.5815

336.9920,
359.8313, 273.2347

■ 27.6725, 30.1181,
13.3543

■ 74.3507, 80.1587,
46.9466

■ 18.2181, 19.9283,
7.5394

■ 97.2330, 104.6105,
64.9217

■ 11.2073, 12.3429,
3.7182

■ 124.3857,
133.5888, 86.9831

■ 6.2748, 6.9777,
1.4720

■ 156.1741,
167.4780, 113.5494

■ 3.0551, 3.4481,
0.1970

192.9635,
206.6625, 145.0392

■ 1.1830, 1.3699,
0.0000

235.1194,

■ 0.0929, 0.1944,

251.5266, 181.8710

0.0000

283.0071,
302.4547, 224.4633

■ 0.0000, 0.0000,
0.0000

■ 39.9358, 43.2969,
21.5815

■ 39.9358, 43.2969,
21.5815

■ 38.2821, 41.5147,
16.3286

■ 41.8362, 45.2113,
28.0306

■ 36.8575, 39.8527,
12.1934

■ 43.9934, 47.2575,
35.7423

■ 35.6467, 38.3061,
9.0921

■ 46.4207, 49.4425,
44.7815

■ 34.6312, 36.8674,
6.9282

■ 49.1297, 51.7713,
55.2078

■ 33.7892, 35.5274,
5.5867

■ 52.1309, 54.2483,
67.0770

■ 33.1649, 34.4345,
4.8986

■ 55.4347, 56.8778,
80.4419

■ 59.0506, 59.6638,
95.3529

■ 61.3691, 61.9629,
103.3333

■ 62.2465, 63.7177,
103.6257

Harmonies

Analogous

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



45.9232, 43.2969, 23.1537



39.9358, 43.2969, 21.5815



34.7864, 43.2969, 25.4142

Triad

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



39.9358, 43.2969, 21.5815



32.6280, 43.2969, 69.1477



52.4773, 43.2969, 61.5736

Complementary

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



39.9358, 43.2969, 21.5815



23.6752, 22.3843, 52.3629

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.



48.2513, 43.2969, 78.6716



39.9358, 43.2969, 21.5815



36.7240, 43.2969, 83.7273

Square

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



39.9358, 43.2969, 21.5815



30.8360, 43.2969, 50.7504



42.3935, 43.2969, 87.5760



53.5459, 43.2969, 43.7106

Rectangle

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



39.9358, 43.2969, 21.5815



32.3954, 43.2969, 31.2233



42.3935, 43.2969, 87.5760



51.3604, 43.2969, 67.7207

Sweetspot

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



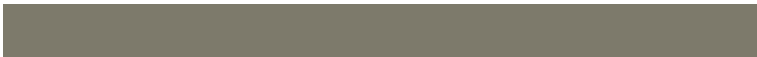
39.9369, 43.2989, 21.5824



82.7605, 88.2178, 78.7679



31.1634, 24.2184, 23.3857



18.0422, 19.2557, 16.8021



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.9369, 43.2989, 21.5824



68.7210, 74.5291, 29.7248



37.5554, 46.6796, 22.3605



10.1642, 10.8043, 10.1264



21.8513, 22.7413, 3.2378



0.8963, 0.9715, 0.1403

Inverse Universe

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



23.6752, 22.3843, 52.3629



35.5649, 31.9120, 92.5643



25.3032, 20.5596, 51.9249



9.1592, 9.5106, 12.0252



6.6447, 3.4011, 32.6992



0.3051, 0.2229, 1.2958

Previews

White Background



This preview shows how the XYZ color 39.9358, 43.2969, 21.5815 looks on a white background.

Color Contrast Check

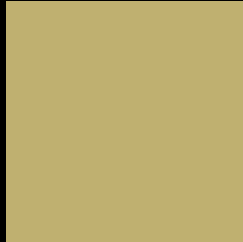
Large Text (above 18pt) WCAG AA × Fail

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 39.9358, 43.2969, 21.5815 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 39.9358, 43.2969, 21.5815

Background



This preview shows how black text looks on a background with the XYZ color 39.9358, 43.2969, 21.5815.



This preview shows how white text looks on a background with the XYZ color 39.9358, 43.2969,

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

39.9358, 43.2969, 21.5815

Protanopia

39.9358, 43.2969, 21.5815

Deuteranopia

44.1913, 43.2172, 21.9322



Tritanopia

45.6318, 43.3472, 49.6779

Trichromacy



Original Color

39.9358, 43.2969, 21.5815

Protanomaly

39.9358, 43.2969, 21.5815

Deuteranomaly

42.4454, 43.1554, 21.7155

Tritanomaly

43.0693, 43.1282, 37.5071

Monochromacy



Original Color

39.9358, 43.2969, 21.5815

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5444, 42.2098, 35.3412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9358, 43.2969, 21.5815 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(191, 176, 112)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 112)  
}
```

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(191, 176, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.9358, 43.2969, 21.5815 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(191, 176, 112) }
```


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

```
.border{ border-color:rgb(191, 176, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 176, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 176, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 176, 112); box-shadow:4px 4px 4px 4px rgb(191, 176, 112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9358, 43.2969, 21.5815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 112) }
```

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

```
.background{ background-color: rgb(191,  
176, 112) }
```

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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