

Converting Colors

XYZ(39.4860, 43.7022, 40.7610)

Have a look what the booklet for
XYZ(39.4860, 43.7022, 40.7610)
contains.

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Color

**XYZ(39.4204, 43.7972,
40.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB4A2
RGB	170, 180, 162
RGB Percent	67%, 71%, 64%
CMY	0.3333, 0.2941, 0.3647
CMYK	0.06, 0.00, 0.10, 0.29
HSL	93°, 11%, 67%
HSV	93°, 10%, 71%
XYZ	39.4204, 43.7972, 40.5584
YIQ	174.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

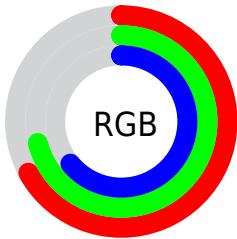
Format	Color
RYB	162, 180, 172
Decimal	11187362
CIELab	72.09, -6.83, 7.98
CIELCh	72, 10.507, 130.574
Yxy	43.7972, 0.3185, 0.3538
Android (android.graphics.Color)	4289377442 (0xFFAAB4A2)
YUV	174.9580, -6.3883, -4.3482
Hunter-Lab	66.1795, -9.4889, 9.9895

Details

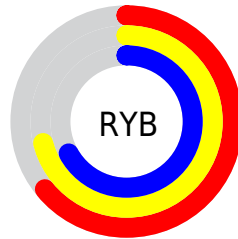
The XYZ color **39.4204, 43.7972, 40.5584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1735, 37.9078, 48.4873**, and the grayscale version is **40.7589, 42.8816, 46.6980**.

A 20% lighter version of the original color is **73.5712, 81.0082, 77.4042**, and **17.8751, 20.1561, 17.7002** is the 20% darker color. If you saturate the color by 10%, you get **35.8532, 42.1314, 32.6284**, and if you desaturate by 10%, it is **43.3836, 45.6433, 49.7044**.

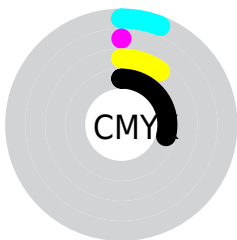
Distribution



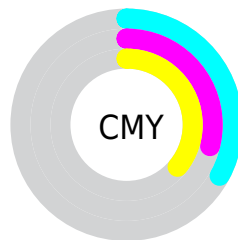
- Red (67%)
- Green (71%)
- Blue (64%)



- Red (64%)
- Yellow (71%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4204, 43.7972, 40.5584 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 39.4204, 43.7972, 40.5584 by changing the saturation by 10% instead.

■ 39.4204, 43.7972,
40.5584

■ 39.4204, 43.7972,
40.5584

334.8510,
361.8801, 364.0934

■ 27.2691, 30.5111,
27.6571

■ 73.5701, 80.9125,
77.2594

■ 17.9131, 20.2269,
17.8305

■ 96.2992, 105.5105,
101.8963

■ 10.9869, 12.5601,
10.6602

123.2849,
134.6479, 131.2820

■ 6.1253, 7.1263,
5.7276

154.8927,
168.7091, 165.8352

■ 2.9628, 3.5412,
2.6140

191.4879,
208.0786, 205.9744

■ 1.1341, 1.4204,
0.8997

233.4357,

■ 0.0534, 0.2317,

253.1406, 252.1181

0.0000

281.1017,
304.2796, 304.6850

■ 0.0000, 0.0000,
0.0000

■ 39.4204, 43.7972,
40.5584

■ 39.4204, 43.7972,
40.5584

■ 35.8532, 42.1314,
32.6284

■ 43.3836, 45.6433,
49.7044

■ 32.6652, 40.6344,
25.8604

■ 47.7518, 47.6693,
60.1117

■ 29.8433, 39.3020,
20.2005

■ 52.5383, 49.8825,
71.8267

■ 27.3725, 38.1277,
15.5895

■ 57.7547, 52.2879,
84.8927

■ 25.2363, 37.1046,
11.9625

■ 63.4118, 54.8900,
99.3510

■ 23.4170, 36.2249,
9.2478

■ 67.0093, 56.6893,
102.0181

■ 21.8947, 35.4802,
7.3633

■ 70.3122, 58.3921,
102.1727

■ 20.6463, 34.8609,
6.2128

■ 73.8023, 60.1913,
102.3360

■ 19.6291, 34.3491,
5.5955

■ 75.6121, 61.1243,
102.4207

Harmonies

Analogous

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



40.9970, 43.7972, 38.6054



39.4204, 43.7972, 40.5584



38.4532, 43.7972, 44.4713

Triad

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



39.4204, 43.7972, 40.5584



40.4891, 43.7972, 57.6435



45.1182, 43.7972, 45.8945

Complementary

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



39.4204, 43.7972, 40.5584



38.1735, 37.9078, 48.4873

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.



44.9727, 43.7972, 51.0556



39.4204, 43.7972, 40.5584



42.2653, 43.7972, 58.0932

Square

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



39.4204, 43.7972, 40.5584



39.0579, 43.7972, 54.4191



43.9164, 43.7972, 55.6070



44.3083, 43.7972, 41.5357

Rectangle

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



39.4204, 43.7972, 40.5584



38.2671, 43.7972, 47.7870



43.9164, 43.7972, 55.6070



45.1800, 43.7972, 47.5886

Sweetspot

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



39.4216, 43.7991, 40.5594



76.3916, 81.7023, 84.8242



40.0792, 41.7806, 40.1351



16.3848, 17.6001, 18.0409



86.6293, 91.1408, 99.2523



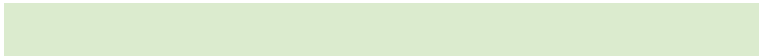
17.0014, 17.8868, 19.4787

Same Dimension

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



39.4216, 43.7991, 40.5594



69.9896, 78.7194, 70.1838



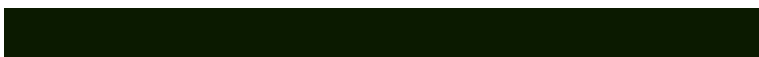
37.8247, 42.9666, 40.9039



8.7355, 9.6687, 9.0584



13.7741, 24.0109, 3.9086



0.5008, 0.7903, 0.1261

Inverse Universe

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



38.1735, 37.9078, 48.4873



67.2689, 65.8776, 87.4648



39.8912, 38.8038, 48.0905



8.4784, 8.4551, 10.6915



9.4974, 4.2319, 30.4533



0.3646, 0.1671, 0.9613

Previews

White Background



This preview shows how the XYZ color 39.4204, 43.7972, 40.5584 looks on a white background.

Color Contrast Check

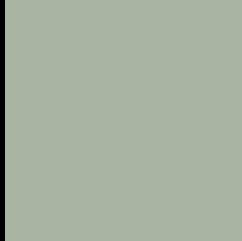
Large Text (above 18pt) WCAG AA × Fail

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 39.4204, 43.7972, 40.5584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

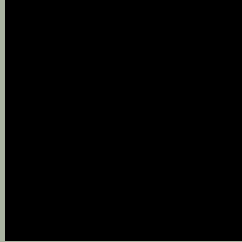
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4204, 43.7972, 40.5584

Background



This preview shows how black text looks on a background with the XYZ color 39.4204, 43.7972, 40.5584.



This preview shows how white text looks on a background with the XYZ color 39.4204, 43.7972,

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

39.4204, 43.7972, 40.5584

Protanopia

41.6377, 43.7791, 39.5134

Deuteranopia

44.3643, 43.4356, 41.1676



Tritanopia

42.2752, 43.7670, 54.9349

Trichromacy



Original Color

39.4204, 43.7972, 40.5584

Protanomaly

40.7456, 43.6012, 39.9866

Deuteranomaly

42.4859, 43.6078, 40.8282

Tritanomaly

41.1939, 43.6238, 49.4291

Monochromacy



Original Color

39.4204, 43.7972, 40.5584

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2114, 43.2308, 44.2552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4204, 43.7972, 40.5584 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(170, 180, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 162)  
}
```

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(170, 180, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.4204, 43.7972, 40.5584 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(170, 180, 162) }
```


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

```
.border{ border-color:rgb(170, 180, 162) }
```

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

Here you see how a box with a 4 pixel rgb(170, 180, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4204, 43.7972, 40.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 162) }
```

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

```
.background{ background-color: rgb(170,  
180, 162) }
```

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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