

Converting Colors

XYZ(38.4695, 43.2318, 46.1899)

Have a look what the booklet for
XYZ(38.4695, 43.2318, 46.1899)
contains.

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Color

**XYZ(38.4584, 43.1721,
46.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B4AE
RGB	160, 180, 174
RGB Percent	63%, 71%, 68%
CMY	0.3725, 0.2941, 0.3176
CMYK	0.11, 0.00, 0.03, 0.29
HSL	162°, 12%, 67%
HSV	162°, 11%, 71%
XYZ	38.4584, 43.1721, 46.3505
YIQ	173.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

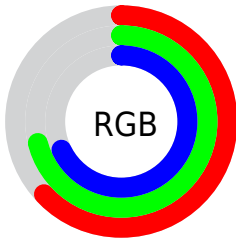
Format	Color
R_{YB}	160, 172, 180
Decimal	10532014
CIE Lab	71.67, -8.08, 0.71
CIE LCh	72, 8.108, 174.997
Yxy	43.1721, 0.3005, 0.3373
Android (android.graphics.Color)	4288722094 (0xFFFA0B4AE)
YUV	173.3360, 0.3274, -11.6957
Hunter-Lab	65.7055, -10.5059, 4.1690

Details

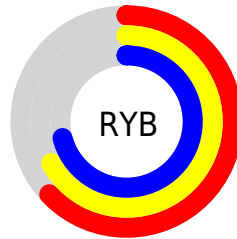
The XYZ color **38.4584, 43.1721, 46.3505** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.2776, 37.5991, 41.3181**, and the grayscale version is **39.8950, 41.9726, 45.7082**.

A 20% lighter version of the original color is **72.1626, 80.0951, 85.7853**, and **17.2866, 19.7720, 21.3176** is the 20% darker color. If you saturate the color by 10%, you get **34.6014, 41.2446, 43.4766**, and if you desaturate by 10%, it is **42.8601, 45.3803, 49.3622**.

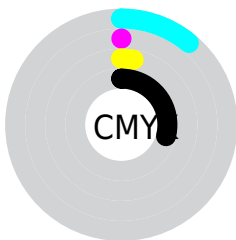
Distribution



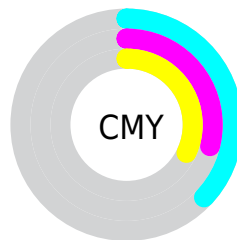
- Red (63%)
- Green (71%)
- Blue (68%)



- Red (63%)
- Yellow (67%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (32%)
- Black (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4584, 43.1721, 46.3505 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 38.4584, 43.1721, 46.3505 by changing the saturation by 10% instead.

■ 38.4584, 43.1721,
46.3505

■ 38.4584, 43.1721,
46.3505

330.8293,
359.3190, 388.5344

■ 26.5175, 30.0202,
32.1718

■ 72.1096, 79.9705,
86.0831

■ 17.3459, 19.8539,
21.2269

■ 94.5506, 104.3858,
112.4741

■ 10.5782, 12.2889,
13.0971

121.2223,
133.3243, 143.7730

■ 5.8492, 6.9407,
7.3639

152.4901,
167.1704, 180.3983

■ 2.7934, 3.4251,
3.6088

188.7193,
206.3085, 222.7686

■ 1.0455, 1.3575,
1.4133

230.2754,

■ 0.0000, 0.1851,

251.1231, 271.3023

0.1521

277.5236,
301.9985, 326.4181

■ 0.0000, 0.0000,
0.0000

■ 38.4584, 43.1721,
46.3505

■ 38.4584, 43.1721,
46.3505

■ 34.6014, 41.2446,
43.4766

■ 42.8601, 45.3803,
49.3622

■ 31.2629, 39.5807,
40.7354

■ 47.8239, 47.8747,
52.5112

■ 28.4199, 38.1699,
38.1254

■ 53.3712, 50.6674,
55.8006

■ 26.0464, 36.9988,
35.6440

■ 59.5210, 53.7682,
59.2324

■ 24.1137, 36.0526,
33.2886

■ 66.2914, 57.1863,
62.8088

■ 22.5900, 35.3149,
31.0562

■ 68.7528, 58.3805,
66.3002

■ 21.4391, 34.7672,
28.9438

■ 69.4223, 58.6483,
69.8256

■ 20.6181, 34.3872,
26.9479

■ 70.1145, 58.9252,
73.4710

■ 20.0871, 34.1502,
25.2670

■ 70.8298, 59.2113,
77.2377

Harmonies

Analogous

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



38.9080, 43.1721, 42.8001



38.4584, 43.1721, 46.3505



38.6862, 43.1721, 50.2766

Triad

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



38.4584, 43.1721, 46.3505



42.1601, 43.1721, 54.2017



42.5676, 43.1721, 41.0791

Complementary

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



38.4584, 43.1721, 46.3505



38.2776, 37.5991, 41.3181

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.



43.4745, 43.1721, 43.8824



38.4584, 43.1721, 46.3505



43.2356, 43.1721, 51.4811

Square

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



38.4584, 43.1721, 46.3505



40.8039, 43.1721, 54.9526



43.7217, 43.1721, 47.6698



41.2646, 43.1721, 39.8669

Rectangle

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



38.4584, 43.1721, 46.3505



39.1942, 43.1721, 52.5611



43.7217, 43.1721, 47.6698



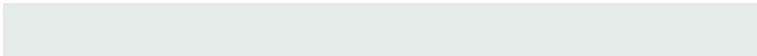
42.9300, 43.1721, 41.8588

Sweetspot

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



38.4596, 43.1739, 46.3515



76.0850, 81.4643, 88.4219



38.4636, 43.3256, 39.5936



16.3021, 17.5358, 19.0156



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.



38.4596, 43.1739, 46.3515



68.1755, 77.5004, 82.9207



38.3275, 41.9521, 49.2597



8.6318, 9.5872, 10.3209



14.0496, 23.8458, 17.7958



0.4664, 0.7600, 0.6879

Inverse Universe

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



38.2776, 37.5991, 41.3181



67.7887, 65.6454, 72.2181



38.3848, 38.6742, 38.7000



8.5978, 8.5459, 9.3806



13.6283, 6.9689, 3.2027



0.4553, 0.2299, 0.2401

Previews

White Background



This preview shows how the XYZ color 38.4584, 43.1721, 46.3505 looks on a white background.

Color Contrast Check

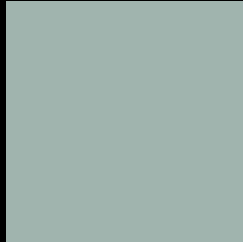
Large Text (above 18pt) WCAG AA × Fail

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 38.4584, 43.1721, 46.3505 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

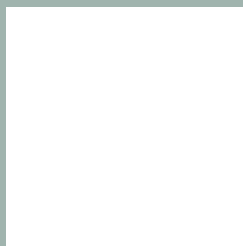
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4584, 43.1721, 46.3505

Background



This preview shows how black text looks on a background with the XYZ color 38.4584, 43.1721, 46.3505.



This preview shows how white text looks on a background with the XYZ color 38.4584, 43.1721,

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

38.4584, 43.1721, 46.3505

Protanopia

41.2711, 43.1839, 44.6882

Deuteranopia

43.9494, 43.0905, 47.0752



Tritanopia

40.2304, 42.9924, 55.4682

Trichromacy



Original Color

38.4584, 43.1721, 46.3505

Protanomaly

40.1818, 43.1935, 45.2491

Deuteranomaly

41.6963, 43.0705, 46.6733

Tritanomaly

39.5776, 43.0250, 52.1176

Monochromacy



Original Color

38.4584, 43.1721, 46.3505

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2166, 42.3926, 45.6508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4584, 43.1721, 46.3505 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(160, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(160, 180, 174)  
}
```

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(160, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 180, 174) }
```

Border

The CSS property to change the border of an element to XYZ 38.4584, 43.1721, 46.3505 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(160, 180, 174) }
```


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

```
.border{ border-color:rgb(160, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(160, 180,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4584, 43.1721, 46.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 180, 174) }
```

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

```
.background{ background-color: rgb(160,  
180, 174) }
```

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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