

Converting Colors

XYZ(38.3161, 41.8911, 24.2121)

Have a look what the booklet for
XYZ(38.3161, 41.8911, 24.2121)
contains.

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Color

**XYZ(38.3544, 41.8429,
24.1442)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AE79
RGB	184, 174, 121
RGB Percent	72%, 68%, 47%
CMY	0.2784, 0.3176, 0.5255
CMYK	0.00, 0.05, 0.34, 0.28
HSL	50°, 31%, 60%
HSV	50°, 34%, 72%
XYZ	38.3544, 41.8429, 24.1442
YIQ	170.9480, 22.9730, -14.3630

Conversions

Conversions Part 2

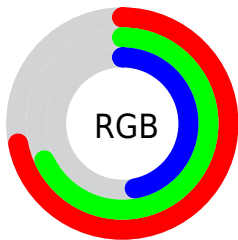
Format	Color
RYB	133, 184, 121
Decimal	12103289
CIELab	70.76, -4.49, 28.54
CIELCh	71, 28.887, 98.946
Yxy	41.8429, 0.3676, 0.4010
Android (android.graphics.Color)	4290293369 (0xFFB8AE79)
YUV	170.9480, -24.6244, 11.4466
Hunter-Lab	64.6861, -7.3624, 23.1502

Details

The XYZ color **38.3544, 41.8429, 24.1442** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.6531, 23.7576, 48.6338**, and the grayscale version is **38.7951, 40.8155, 44.4481**.

A 20% lighter version of the original color is **71.9349, 77.7954, 51.2690**, and **17.3352, 19.1328, 8.9102** is the 20% darker color. If you saturate the color by 10%, you get **36.7745, 40.3197, 18.5717**, and if you desaturate by 10%, it is **40.1640, 43.4805, 30.8561**.

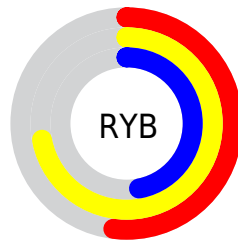
Distribution



Red (72%)

Green (68%)

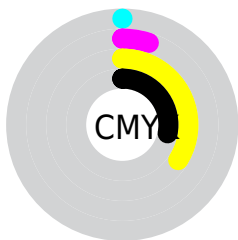
Blue (47%)



Red (52%)

Yellow (72%)

Blue (47%)

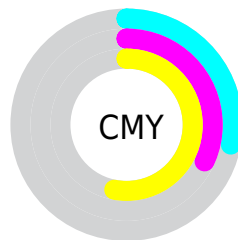


Cyan (0%)

Magenta (5%)

Yellow (34%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3544, 41.8429, 24.1442 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 38.3544, 41.8429, 24.1442 by changing the saturation by 10% instead.

■ 38.3544, 41.8429,
24.1442

■ 38.3544, 41.8429,
24.1442

330.3924,
353.8313, 286.8587

■ 26.4363, 28.9783,
15.2274

■ 71.9514, 77.9618,
51.2122

■ 17.2847, 19.0644,
8.8308

■ 94.3611, 101.9849,
70.2005

■ 10.5343, 11.7168,
4.5357

■ 120.9986,
130.4963, 93.3831

■ 5.8196, 6.5512,
1.9236

152.2295,
163.8803, 121.1784

■ 2.7753, 3.1830,
0.5077

188.4189,
202.5215, 154.0051

■ 1.0361, 1.2280,
0.0000

229.9323,

■ 0.0000, 0.0844,

246.8041, 192.2817

0.0000

277.1350,
297.1126, 236.4267

■ 0.0000, 0.0000,
0.0000

■ 38.3544, 41.8429,
24.1442

■ 38.3544, 41.8429,
24.1442

■ 36.7745, 40.3197,
18.5717

■ 40.1640, 43.4805,
30.8561

■ 35.4086, 38.9002,
14.0713

■ 42.2114, 45.2315,
38.7642

■ 34.2444, 37.5807,
10.5726

■ 44.5083, 47.1022,
47.9249

■ 33.2665, 36.3550,
7.9959

■ 47.0646, 49.0965,
58.3901

■ 32.4574, 35.2159,
6.2492

■ 49.8897, 51.2185,
70.2088

■ 31.7959, 34.1548,
5.2214

■ 52.9924, 53.4718,
83.4274

■ 31.4563, 33.5687,
4.8215

■ 56.3814, 55.8599,
98.0902

■ 57.8652, 57.5064,
102.6578

■ 58.5361, 58.8483,
102.8814

Harmonies

Analogous

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



43.1740, 41.8429, 25.1001



38.3544, 41.8429, 24.1442



34.2540, 41.8429, 27.9608

Triad

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



38.3544, 41.8429, 24.1442



33.0247, 41.8429, 64.2464



49.0062, 41.8429, 55.7148

Complementary

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



38.3544, 41.8429, 24.1442



24.6531, 23.7576, 48.6338

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.



45.8494, 41.8429, 69.3249



38.3544, 41.8429, 24.1442



36.5506, 41.8429, 74.8978

Square

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



38.3544, 41.8429, 24.1442



31.3435, 41.8429, 49.7888



41.2209, 41.8429, 76.9228



49.5867, 41.8429, 41.5773

Rectangle

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



38.3544, 41.8429, 24.1442



32.3861, 41.8429, 33.2558



41.2209, 41.8429, 76.9228



48.1997, 41.8429, 60.5763

Sweetspot

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



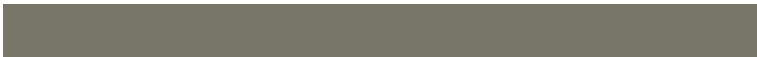
38.3555, 41.8448, 24.1451



78.1590, 83.3483, 76.7513



30.7356, 25.5179, 24.9569



16.7266, 17.8673, 16.0582



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.3555, 41.8448, 24.1451



67.3572, 73.7775, 36.0550



35.6962, 43.4481, 24.5947



9.6256, 10.2541, 9.5788



21.7223, 23.2209, 3.3372



0.7987, 0.8845, 0.1286

Inverse Universe

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



24.6531, 23.7576, 48.6338



38.7998, 36.0926, 87.1262



26.6449, 22.8868, 48.3607



8.6331, 8.9435, 11.3507



6.3035, 3.0667, 31.5128



0.2585, 0.1807, 1.1230

Previews

White Background



This preview shows how the XYZ color 38.3544, 41.8429, 24.1442 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 38.3544, 41.8429, 24.1442 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

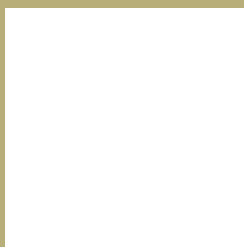
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3544, 41.8429, 24.1442

Background



This preview shows how black text looks on a background with the XYZ color 38.3544, 41.8429, 24.1442.



This preview shows how white text looks on a background with the XYZ color 38.3544, 41.8429,

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

38.3544, 41.8429, 24.1442

Protanopia

38.8883, 41.8324, 24.1140

Deuteranopia

42.6650, 41.8243, 24.5631



Tritanopia

43.5428, 42.0091, 48.9936

Trichromacy



Original Color

38.3544, 41.8429, 24.1442

Protanomaly

38.6445, 41.7067, 24.1026

Deuteranomaly

40.9895, 41.7868, 24.3176

Tritanomaly

41.3718, 41.9440, 38.7164

Monochromacy



Original Color

38.3544, 41.8429, 24.1442

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4068, 41.0351, 36.0333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3544, 41.8429, 24.1442 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(184, 174, 121)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 121)  
}
```

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(184, 174, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 121) }
```

Border

The CSS property to change the border of an element to XYZ 38.3544, 41.8429, 24.1442 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(184, 174, 121) }
```


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

```
.border{ border-color:rgb(184, 174, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 121);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3544, 41.8429, 24.1442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 121) }
```

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

```
.background{ background-color: rgb(184,  
174, 121) }
```

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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