

Converting Colors

XYZ(47.3600, 50.9246, 38.7169)

Have a look what the booklet for
XYZ(47.3600, 50.9246, 38.7169)
contains.

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Color

**XYZ(47.4402, 51.0975,
38.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BE9C
RGB	197, 190, 156
RGB Percent	77%, 75%, 61%
CMY	0.2274, 0.2549, 0.3882
CMYK	0.00, 0.04, 0.21, 0.23
HSL	50°, 26%, 69%
HSV	50°, 21%, 77%
XYZ	47.4402, 51.0975, 38.8149
YIQ	188.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

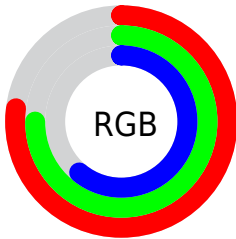
Format	Color
RYB	164, 197, 156
Decimal	12959388
CIELab	76.74, -3.11, 18.08
CIELCh	77, 18.349, 99.773
Yxy	51.0975, 0.3454, 0.3720
Android (android.graphics.Color)	4291149468 (0xFFC5BE9C)
YUV	188.2170, -15.8830, 7.7027
Hunter-Lab	71.4825, -6.6308, 17.8434

Details

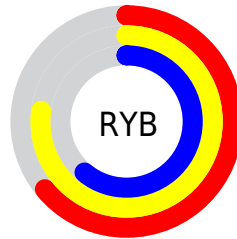
The XYZ color **47.4402, 51.0975, 38.8149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8855, 37.2928, 58.0779**, and the grayscale version is **48.0059, 50.5059, 55.0010**.

A 20% lighter version of the original color is **85.5867, 91.6855, 74.8142**, and **22.8232, 24.7509, 16.9391** is the 20% darker color. If you saturate the color by 10%, you get **45.1863, 49.0461, 30.4903**, and if you desaturate by 10%, it is **49.9842, 53.2953, 48.5723**.

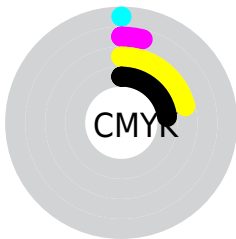
Distribution



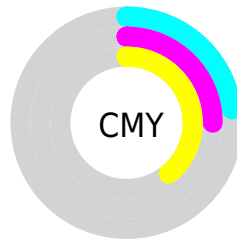
- Red (77%)
- Green (75%)
- Blue (61%)



- Red (64%)
- Yellow (77%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (23%)





- Cyan (23%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4402, 51.0975, 38.8149 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 47.4402, 51.0975, 38.8149 by changing the saturation by 10% instead.


 47.4402, 51.0975,
38.8149


 47.4402, 51.0975,
38.8149


367.1885,
390.9425, 356.5053

 33.5932, 36.2862,
26.3090


 85.5851, 91.7989,
74.5727

 22.7427, 24.6553,
16.8271


 110.6137,
118.4578, 98.6617

 14.5233, 15.8204,
9.9507


140.1001,
149.8346, 127.4488

 8.5696, 9.3972,
5.2611

174.4099,
186.3139, 161.3526

 4.5164, 5.0011,
2.3398

213.9082,
228.2799, 200.7916

 1.9982, 2.2479,
0.7534

258.9606,

 0.6330, 0.7459,

276.1170, 246.1844

0.0000

309.9322,
330.2098, 297.9494

■ 0.0000, 0.0000,
0.0000

■ 47.4402, 51.0975,
38.8149

■ 47.4402, 51.0975,
38.8149

■ 45.1863, 49.0461,
30.4903

■ 49.9842, 53.2953,
48.5723

■ 43.2053, 47.1287,
23.5266

■ 52.8265, 55.6378,
59.8231

■ 41.4844, 45.3420,
17.8506

■ 55.9800, 58.1319,
72.6287

■ 40.0079, 43.6793,
13.3808

■ 59.4555, 60.7823,
87.0458

■ 38.7587, 42.1337,
10.0266

■ 63.2635, 63.5932,
103.1283

■ 37.7167, 40.6969,
7.6844

■ 64.1657, 65.2696,
103.8241

■ 36.8587, 39.3596,
6.2311

■ 65.0054, 66.9488,
104.1040

■ 36.1919, 38.2019,
5.4662

■ 65.8625, 68.6631,
104.3897

■ 66.7373, 70.4127,
104.6813

Harmonies

Analogous

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



50.9158, 51.0975, 39.5297



47.4402, 51.0975, 38.8149



44.4124, 51.0975, 42.1755

Triad

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



47.4402, 51.0975, 38.8149



43.6056, 51.0975, 68.8117



55.1163, 51.0975, 62.5249

Complementary

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



47.4402, 51.0975, 38.8149



36.8855, 37.2928, 58.0779

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.



52.9721, 51.0975, 71.6943



47.4402, 51.0975, 38.8149



46.2909, 51.0975, 75.6138

Square

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



47.4402, 51.0975, 38.8149



42.2694, 51.0975, 58.9515



49.7108, 51.0975, 76.7274



55.4602, 51.0975, 52.4481

Rectangle

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



47.4402, 51.0975, 38.8149



43.0142, 51.0975, 46.5403



49.7108, 51.0975, 76.7274



54.5775, 51.0975, 65.8467

Sweetspot

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



47.4415, 51.0998, 38.8160



91.8564, 97.3990, 96.1631



41.5723, 38.3108, 40.0978



19.5893, 20.7881, 20.2993



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.4415, 51.0998, 38.8160



83.0589, 89.8074, 62.3915



45.7387, 52.5257, 39.1810



11.3640, 12.0971, 11.2988



23.8585, 25.2341, 3.6132



1.1715, 1.2785, 0.1850

Inverse Universe

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



36.8855, 37.2928, 58.0779



60.7494, 60.6300, 103.1087



38.3257, 36.2420, 57.7992



10.2005, 10.5752, 13.4211



7.0405, 3.4748, 35.0440



0.3800, 0.2578, 1.6749

Previews

White Background



This preview shows how the XYZ color 47.4402, 51.0975, 38.8149 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 47.4402, 51.0975, 38.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

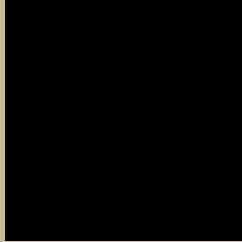
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4402, 51.0975, 38.8149

Background



This preview shows how black text looks on a background with the XYZ color 47.4402, 51.0975, 38.8149.



This preview shows how white text looks on a background with the XYZ color 47.4402, 51.0975,

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

47.4402, 51.0975, 38.8149

Protanopia

47.9334, 51.0411, 38.3359

Deuteranopia

52.1129, 50.9846, 39.4421



Tritanopia

52.0779, 51.1010, 61.1515

Trichromacy



Original Color

47.4402, 51.0975, 38.8149

Protanomaly

47.6672, 50.9039, 38.3234

Deuteranomaly

50.2987, 50.9811, 39.0876

Tritanomaly

50.1935, 50.9542, 51.9894

Monochromacy



Original Color

47.4402, 51.0975, 38.8149

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.5199, 50.6061, 48.3377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4402, 51.0975, 38.8149 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(197, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 156)  
}
```

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(197, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 156) }
```

Border

The CSS property to change the border of an element to XYZ 47.4402, 51.0975, 38.8149 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(197, 190, 156) }
```


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

```
.border{ border-color:rgb(197, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4402, 51.0975, 38.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 156) }
```

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

```
.background{ background-color: rgb(197,  
190, 156) }
```

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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