

Converting Colors

XYZ(38.9427, 45.1012, 25.9842)

Have a look what the booklet for
XYZ(38.9427, 45.1012, 25.9842)
contains.

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Color

**XYZ(38.9736, 45.1088,
26.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B87D
RGB	177, 184, 125
RGB Percent	69%, 72%, 49%
CMY	0.3059, 0.2784, 0.5098
CMYK	0.04, 0.00, 0.32, 0.28
HSL	67°, 29%, 61%
HSV	67°, 32%, 72%
XYZ	38.9736, 45.1088, 26.0548
YIQ	175.1810, 14.7670, -19.8330

Conversions

Conversions Part 2

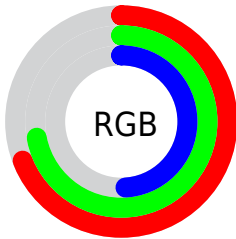
Format	Color
RYB	125, 184, 132
Decimal	11647101
CIELab	72.96, -12.00, 29.22
CIELCh	73, 31.587, 112.331
Yxy	45.1088, 0.3539, 0.4096
Android (android.graphics.Color)	4289837181 (0xFFB1B87D)
YUV	175.1810, -24.7392, 1.5953
Hunter-Lab	67.1631, -13.9549, 24.0136

Details

The XYZ color **38.9736, 45.1088, 26.0548** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.5029, 23.0347, 48.4521**, and the grayscale version is **40.9611, 43.0942, 46.9296**.

A 20% lighter version of the original color is **72.8002, 82.8582, 54.2757**, and **17.6985, 21.0257, 9.7822** is the 20% darker color. If you saturate the color by 10%, you get **37.4122, 44.4288, 20.4040**, and if you desaturate by 10%, it is **40.7630, 45.8841, 32.8548**.

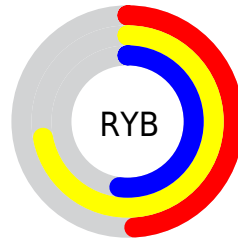
Distribution



Red (69%)

Green (72%)

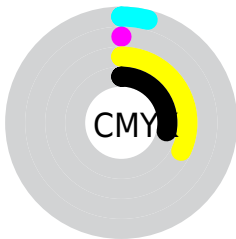
Blue (49%)



Red (49%)

Yellow (72%)

Blue (52%)

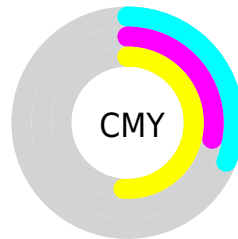


Cyan (4%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9736, 45.1088, 26.0548 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 38.9736, 45.1088, 26.0548 by changing the saturation by 10% instead.

■ 38.9736, 45.1088,
26.0548

■ 38.9736, 45.1088,
26.0548

332.9873,
367.2140, 296.6650

■ 26.9198, 31.5431,
16.6385

■ 72.8923, 82.8837,
54.3485

■ 17.6493, 21.0128,
9.8179

■ 95.4880, 107.8616,
74.0630

■ 10.7967, 13.1333,
5.1743

■ 122.3283,
137.4125, 98.0473

■ 5.9965, 7.5204,
2.2894

153.7786,
171.9207, 126.7200

■ 2.8836, 3.7897,
0.7253

190.2043,
211.7705, 160.4995

■ 1.0925, 1.5566,
0.0000

231.9708,

■ 0.0188, 0.3281,

257.3464, 199.8045

0.0000

279.4433,
309.0328, 245.0535

■ 0.0000, 0.0000,
0.0000

■ 38.9736, 45.1088,
26.0548

■ 38.9736, 45.1088,
26.0548

■ 37.4122, 44.4288,
20.4040

■ 40.7630, 45.8841,
32.8548

■ 36.0633, 43.8331,
15.8361

■ 42.7883, 46.7531,
40.8597

■ 34.9149, 43.3186,
12.2825

■ 45.0608, 47.7219,
50.1250

■ 33.9521, 42.8792,
9.6654

■ 47.5905, 48.7945,
60.7020

■ 33.1581, 42.5081,
7.8961

■ 50.3864, 49.9745,
72.6390

■ 32.5126, 42.1975,
6.8684

■ 53.4575, 51.2655,
85.9820

■ 32.0742, 41.9811,
6.4127

■ 56.8119, 52.6709,
100.7748

■ 57.5621, 53.0354,
101.8108

■ 58.1287, 53.3276,
101.8373

Harmonies

Analogous

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



44.3042, 45.1088, 24.7634



38.9736, 45.1088, 26.0548



35.0229, 45.1088, 32.8083

Triad

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



38.9736, 45.1088, 26.0548



36.7203, 45.1088, 77.2624



54.2555, 45.1088, 53.2777

Complementary

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



38.9736, 45.1088, 26.0548



25.5029, 23.0347, 48.4521

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.



51.8199, 45.1088, 70.0906



38.9736, 45.1088, 26.0548



41.4760, 45.1088, 85.7432

Square

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



38.9736, 45.1088, 26.0548



33.8017, 45.1088, 61.5706



47.0275, 45.1088, 82.8703



53.4409, 45.1088, 38.4652

Rectangle

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



38.9736, 45.1088, 26.0548



33.5508, 45.1088, 40.4694



47.0275, 45.1088, 82.8703



53.7830, 45.1088, 58.9136

Sweetspot

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



38.9747, 45.1108, 26.0558



78.3080, 85.0670, 77.0752



31.7059, 28.1432, 23.1638



16.7630, 18.2880, 16.1375



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.



38.9747, 45.1108, 26.0558



68.7426, 80.9406, 40.2724



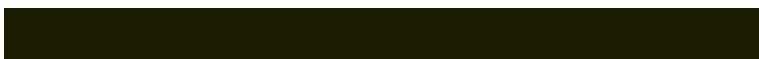
32.9874, 42.0242, 25.7755



9.6424, 10.4478, 9.6153



22.1432, 28.9516, 4.4211



0.8105, 1.0360, 0.1573

Inverse Universe

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



25.5029, 23.0347, 48.4521



40.7532, 35.0612, 86.8242



30.7622, 25.7460, 48.6982



8.6175, 8.7692, 11.3179



6.2210, 2.5182, 31.4113



0.2519, 0.1056, 1.1088

Previews

White Background



This preview shows how the XYZ color 38.9736, 45.1088, 26.0548 looks on a white background.

Color Contrast Check

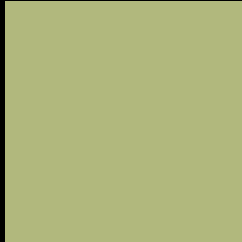
Large Text (above 18pt) WCAG AA × Fail

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 38.9736, 45.1088, 26.0548 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

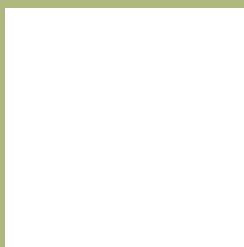
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9736, 45.1088, 26.0548

Background



This preview shows how black text looks on a background with the XYZ color 38.9736, 45.1088, 26.0548.



This preview shows how white text looks on a background with the XYZ color 38.9736, 45.1088,

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

38.9736, 45.1088, 26.0548

Protanopia

41.9434, 45.1396, 25.2411

Deuteranopia

45.8998, 44.8305, 26.6560



Tritanopia

44.8272, 45.0827, 55.0544

Trichromacy



Original Color

38.9736, 45.1088, 26.0548

Protanomaly

40.9010, 45.1943, 25.6365

Deuteranomaly

43.1755, 44.8623, 26.4624

Tritanomaly

42.2944, 44.9385, 42.5212

Monochromacy



Original Color

38.9736, 45.1088, 26.0548

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.9107, 43.5052, 38.1921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9736, 45.1088, 26.0548 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(177, 184, 125)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 125)  
}
```

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(177, 184, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 125) }
```

Border

The CSS property to change the border of an element to XYZ 38.9736, 45.1088, 26.0548 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(177, 184, 125) }
```


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

```
.border{ border-color:rgb(177, 184, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 184, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 125);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9736, 45.1088, 26.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 125) }
```

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

```
.background{ background-color: rgb(177,  
184, 125) }
```

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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