

Converting Colors

XYZ(39.2391, 45.1848, 32.3674)

Have a look what the booklet for
XYZ(39.2391, 45.1848, 32.3674)
contains.

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Color

**XYZ(39.2566, 45.1182,
32.2308)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ADB88E |
| RGB | 173, 184, 142 |
| RGB Percent | 68%, 72%, 56% |
| CMY | 0.3216, 0.2784, 0.4431 |
| CMYK | 0.06, 0.00, 0.23, 0.28 |
| HSL | 76°, 23%, 64% |
| HSV | 76°, 23%, 72% |
| XYZ | 39.2566, 45.1182, 32.2308 |
| YIQ | 175.9230, 6.9260, -15.3940 |

Conversions

Conversions Part 2

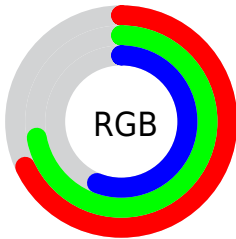
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 142, 184, 153 |
| Decimal | 11384974 |
| CIE _{Lab} | 72.97, -11.13, 20.11 |
| CIE _{LCh} | 73, 22.981, 118.971 |
| Y _{xy} | 45.1182, 0.3367, 0.3869 |
| Android (android.graphics.Color) | 4289575054 (0xFFADB88E) |
| YUV | 175.9230, -16.7240, -2.5635 |
| Hunter-Lab | 67.1701, -13.2259, 18.5694 |

Details

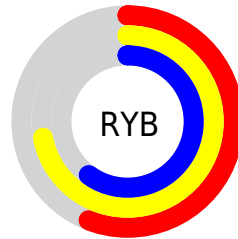
The XYZ color **39.2566, 45.1182, 32.2308** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.4633, 29.5802, 49.4011**, and the grayscale version is **41.3096, 43.4609, 47.3289**.

A 20% lighter version of the original color is **73.4370, 82.9637, 64.3676**, and **17.7938, 20.9984, 13.2405** is the 20% darker color. If you saturate the color by 10%, you get **36.9412, 44.0726, 25.4967**, and if you desaturate by 10%, it is **41.8409, 46.2788, 40.1698**.

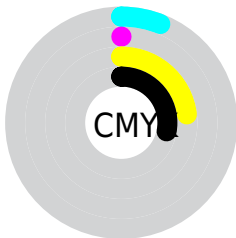
Distribution



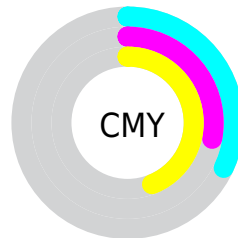
- Red (68%)
- Green (72%)
- Blue (56%)



- Red (56%)
- Yellow (72%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)




- Cyan (32%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2566, 45.1182, 32.2308 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 39.2566, 45.1182, 32.2308 by changing the saturation by 10% instead.


 39.2566, 45.1182,
32.2308


 39.2566, 45.1182,
32.2308


334.1686,
367.2521, 326.6943

 27.1410, 31.5505,
21.2716


 73.3217, 82.8978,
64.2748

 17.8163, 21.0184,
13.1295


 96.0020, 107.8784,
86.1967

 10.9171, 13.1375,
7.3860


122.9345,
137.4322, 112.6099

 6.0780, 7.5233,
3.6226

154.4846,
171.9436, 143.9330

 2.9337, 3.7915,
1.4207

191.0178,
211.7968, 180.5844

 1.1188, 1.5576,
0.1577

232.8992,

 0.0407, 0.3288,

257.3764, 222.9827

0.0000

280.4944,
309.0667, 271.5465

■ 0.0000, 0.0000,
0.0000

■ 39.2566, 45.1182,
32.2308

■ 39.2566, 45.1182,
32.2308

■ 36.9412, 44.0726,
25.4967

■ 41.8409, 46.2788,
40.1698

■ 34.8796, 43.1315,
19.9056

■ 44.7014, 47.5529,
49.3658

■ 33.0605, 42.2916,
15.3947

■ 47.8495, 48.9465,
59.8710

■ 31.4701, 41.5476,
11.8939

■ 51.2947, 50.4636,
71.7341

■ 30.0931, 40.8931,
9.3246

■ 55.0461, 52.1077,
85.0013

■ 28.9120, 40.3213,
7.5971

■ 59.1126, 53.8826,
99.7165

■ 27.9059, 39.8236,
6.6034

■ 60.8520, 54.7313,
101.9647

■ 27.2624, 39.5004,
6.1875

■ 62.2173, 55.4351,
102.0286

■ 63.6240, 56.1604,
102.0944

Harmonies

Analogous

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



43.0221, 45.1182, 30.1919



39.2566, 45.1182, 32.2308



36.6106, 45.1182, 38.6011

Triad

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



39.2566, 45.1182, 32.2308



39.0310, 45.1182, 70.5788



51.0628, 45.1182, 49.5235

Complementary

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



39.2566, 45.1182, 32.2308



31.4633, 29.5802, 49.4011

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.



49.8348, 45.1182, 61.4088



39.2566, 45.1182, 32.2308



42.7452, 45.1182, 74.6736

Square

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



39.2566, 45.1182, 32.2308



36.4862, 45.1182, 60.6155



46.7272, 45.1182, 71.0848



49.9880, 45.1182, 39.1888

Rectangle

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



39.2566, 45.1182, 32.2308



35.7528, 45.1182, 45.0221



46.7272, 45.1182, 71.0848



50.9044, 45.1182, 53.4721

Sweetspot

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



39.2578, 45.1202, 32.2318



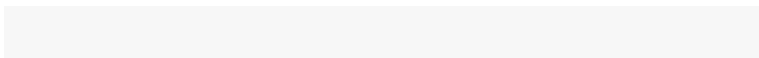
78.7420, 85.1812, 82.0477



35.9608, 34.7638, 30.4066



16.9089, 18.3338, 17.4743



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.



39.2578, 45.1202, 32.2318



69.1609, 80.8857, 52.5150



35.0671, 42.9598, 32.0356



9.5144, 10.3818, 9.6093



18.8571, 27.2575, 4.2674



0.7194, 0.9891, 0.1530

Inverse Universe

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



31.4633, 29.5802, 49.4011



52.7318, 48.1241, 88.7142



35.6706, 31.7491, 49.5980



8.7359, 8.8302, 11.3234



6.8672, 2.8514, 31.4415



0.3022, 0.1315, 1.1112

Previews

White Background



This preview shows how the XYZ color 39.2566, 45.1182, 32.2308 looks on a white background.

Color Contrast Check

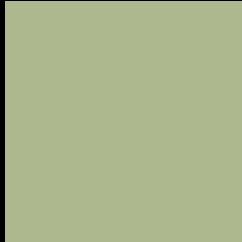
Large Text (above 18pt) WCAG AA × Fail

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 39.2566, 45.1182, 32.2308 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

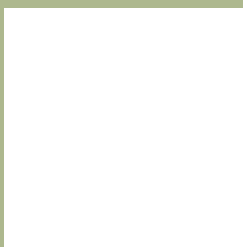
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2566, 45.1182, 32.2308

Background



This preview shows how black text looks on a background with the XYZ color 39.2566, 45.1182, 32.2308.



This preview shows how white text looks on a background with the XYZ color 39.2566, 45.1182,

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

39.2566, 45.1182, 32.2308

Protanopia

42.3396, 45.2100, 31.3058

Deuteranopia

45.8758, 44.9593, 33.0482



Tritanopia

43.9485, 44.9092, 55.6422

Trichromacy



Original Color

39.2566, 45.1182, 32.2308

Protanomaly

41.0988, 45.1612, 31.7501

Deuteranomaly

43.0651, 44.6664, 32.7373

Tritanomaly

41.9955, 45.0068, 46.0089

Monochromacy



Original Color

39.2566, 45.1182, 32.2308

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5001, 44.0345, 41.4869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2566, 45.1182, 32.2308 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(173, 184, 142)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 142)  
}
```

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(173, 184, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 142) }
```

Border

The CSS property to change the border of an element to XYZ 39.2566, 45.1182, 32.2308 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(173, 184, 142) }
```


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

```
.border{ border-color:rgb(173, 184, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 142);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2566, 45.1182, 32.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 142) }
```

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

```
.background{ background-color: rgb(173,  
184, 142) }
```

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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