

Converting Colors

XYZ(40.9366, 45.1302, 43.1126)

Have a look what the booklet for
XYZ(40.9366, 45.1302, 43.1126)
contains.

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Color

**XYZ(40.9366, 45.1302,
43.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB6A7
RGB	173, 182, 167
RGB Percent	68%, 71%, 65%
CMY	0.3216, 0.2863, 0.3451
CMYK	0.05, 0.00, 0.08, 0.29
HSL	96°, 9%, 68%
HSV	96°, 8%, 71%
XYZ	40.9366, 45.1302, 43.1126
YIQ	177.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

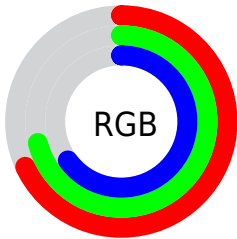
Format	Color
RYB	167, 182, 176
Decimal	11384487
CIELab	72.98, -5.93, 6.55
CIELCh	73, 8.832, 132.158
Yxy	45.1302, 0.3169, 0.3494
Android (android.graphics.Color)	4289574567 (0xFFADB6A7)
YUV	177.5990, -5.2253, -4.0333
Hunter-Lab	67.1790, -8.7915, 8.9755

Details

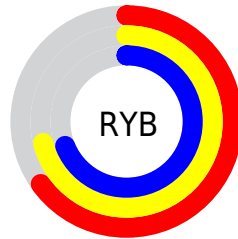
The XYZ color **40.9366, 45.1302, 43.1126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.1685, 40.2462, 49.9096**, and the grayscale version is **42.1331, 44.3273, 48.2725**.

A 20% lighter version of the original color is **75.7543, 82.9170, 81.1191**, and **18.8299, 21.0033, 19.2812** is the 20% darker color. If you saturate the color by 10%, you get **37.0541, 43.3109, 34.7574**, and if you desaturate by 10%, it is **45.2559, 47.1499, 52.7263**.

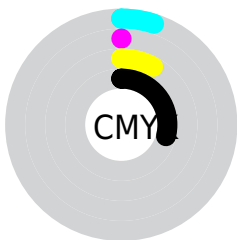
Distribution



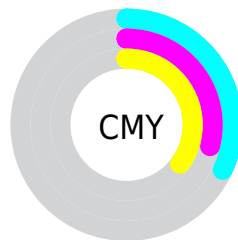
- Red (68%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9366, 45.1302, 43.1126 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 40.9366, 45.1302, 43.1126 by changing the saturation by 10% instead.

■ 40.9366, 45.1302,
43.1126

■ 40.9366, 45.1302,
43.1126

341.1227,
367.3006, 375.0094

■ 28.4570, 31.5600,
29.6414

■ 75.8630, 82.9158,
81.1689

■ 18.8126, 21.0256,
19.3168

■ 99.0404, 107.8999,
106.5912

■ 11.6382, 13.1427,
11.7203

126.5146,
137.4575, 136.8341

■ 6.5683, 7.5269,
6.4333

158.6507,
171.9729, 172.3164

■ 3.2375, 3.7938,
3.0373

195.8143,
211.8305, 213.4566

■ 1.2806, 1.5589,
1.1137

238.3705,

■ 0.1686, 0.3296,

257.4147, 260.6731

0.0000

286.6849,
309.1100, 314.3845

■ 0.0000, 0.0000,
0.0000

■ 40.9366, 45.1302,
43.1126

■ 40.9366, 45.1302,
43.1126

■ 37.0541, 43.3109,
34.7574

■ 45.2559, 47.1499,
52.7263

■ 33.5902, 41.6799,
27.6057

■ 50.0221, 49.3702,
63.6445

■ 30.5306, 40.2324,
21.6028

■ 55.2496, 51.7989,
75.9146

■ 27.8590, 38.9611,
16.6886

■ 60.9509, 54.4415,
89.5806

■ 25.5577, 37.8584,
12.7977

■ 66.6507, 57.1083,
102.1179

■ 23.6073, 36.9161,
9.8575

■ 70.2183, 58.9474,
102.2848

■ 21.9866, 36.1247,
7.7858

■ 74.0086, 60.9014,
102.4622

■ 20.6711, 35.4740,
6.4866

■ 76.0189, 61.9377,
102.5563

■ 19.6247, 34.9486,
5.8032

Harmonies

Analogous

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



42.2738, 45.1302, 41.3009



40.9366, 45.1302, 43.1126



40.1355, 45.1302, 46.5844

Triad

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



40.9366, 45.1302, 43.1126



41.9933, 45.1302, 57.6684



45.8574, 45.1302, 47.3734

Complementary

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



40.9366, 45.1302, 43.1126



40.1685, 40.2462, 49.9096

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.



45.7780, 45.1302, 51.7856



40.9366, 45.1302, 43.1126



43.5220, 45.1302, 57.9111

Square

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



40.9366, 45.1302, 43.1126



40.7355, 45.1302, 55.0580



44.9147, 45.1302, 55.7026



45.1293, 45.1302, 43.6604

Rectangle

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



40.9366, 45.1302, 43.1126



40.0013, 45.1302, 49.4593



44.9147, 45.1302, 55.7026



45.9248, 45.1302, 48.8203

Sweetspot

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



40.9378, 45.1321, 43.1136



78.9825, 84.0485, 88.7076



41.7936, 43.7876, 42.8090



17.4633, 18.5724, 19.6340



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.



40.9378, 45.1321, 43.1136



72.7995, 81.1565, 75.0685



39.7802, 44.5192, 43.7877



9.2211, 10.2306, 9.5956



13.8125, 24.6569, 4.0313



0.5573, 0.9055, 0.1454

Inverse Universe

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



40.1685, 40.2462, 49.9096



71.1010, 70.3703, 90.0711



41.4011, 40.8994, 49.1621



9.0240, 8.9787, 11.3369



10.5120, 4.7303, 31.6121



0.4384, 0.2017, 1.1176

Previews

White Background



This preview shows how the XYZ color 40.9366, 45.1302, 43.1126 looks on a white background.

Color Contrast Check

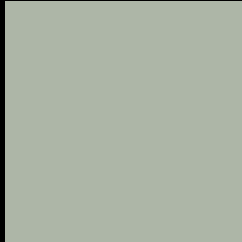
Large Text (above 18pt) WCAG AA × Fail

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 40.9366, 45.1302, 43.1126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

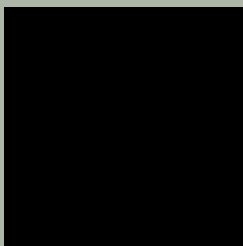
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

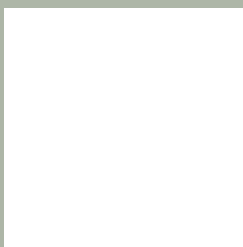
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9366, 45.1302, 43.1126

Background



This preview shows how black text looks on a background with the XYZ color 40.9366, 45.1302, 43.1126.



This preview shows how white text looks on a background with the XYZ color 40.9366, 45.1302,

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

40.9366, 45.1302, 43.1126

Protanopia

42.7195, 44.8717, 42.0069

Deuteranopia

45.9244, 45.0311, 43.8075



Tritanopia

43.5663, 44.9937, 56.2576

Trichromacy



Original Color

40.9366, 45.1302, 43.1126

Protanomaly

42.0591, 44.8171, 42.5102

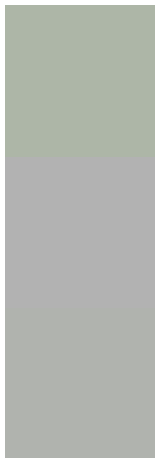
Deuteranomaly

43.8284, 44.8250, 43.3879

Tritanomaly

42.5718, 44.8892, 51.2205

Monochromacy



Original Color

40.9366, 45.1302, 43.1126

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6646, 44.5263, 46.4429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9366, 45.1302, 43.1126 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, 182, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 167)  
}
```

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, 182, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.9366, 45.1302, 43.1126 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, 182, 167) }
```


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

```
.border{ border-color:rgb(173, 182, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 182, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 182, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 182, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 182,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9366, 45.1302, 43.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 167) }
```

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

```
.background{ background-color: rgb(173,  
182, 167) }
```

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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