

Converting Colors

XYZ(40.3966, 45.9439, 46.1585)

Have a look what the booklet for
XYZ(40.3966, 45.9439, 46.1585)
contains.

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Color

**XYZ(40.4116, 46.0275,
46.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BAAD
RGB	164, 186, 173
RGB Percent	64%, 73%, 68%
CMY	0.3569, 0.2706, 0.3216
CMYK	0.12, 0.00, 0.07, 0.27
HSL	145°, 14%, 69%
HSV	145°, 12%, 73%
XYZ	40.4116, 46.0275, 46.2894
YIQ	177.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

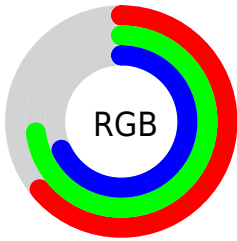
Format	Color
RYB	164, 180, 186
Decimal	10795693
CIELab	73.56, -10.07, 4.03
CIELCh	74, 10.852, 158.172
Yxy	46.0275, 0.3045, 0.3468
Android (android.graphics.Color)	4288985773 (0xFFA4BAAD)
YUV	177.9400, -2.4354, -12.2254
Hunter-Lab	67.8436, -12.4012, 7.0372

Details

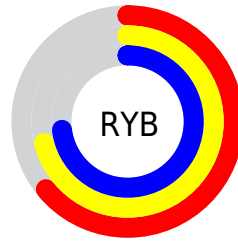
The XYZ color **40.4116, 46.0275, 46.2894** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4627, 40.1656, 47.1646**, and the grayscale version is **42.3021, 44.5051, 48.4661**.

A 20% lighter version of the original color is **74.9691, 84.1658, 85.6931**, and **18.5208, 21.6003, 21.2823** is the 20% darker color. If you saturate the color by 10%, you get **35.8300, 43.7848, 40.7495**, and if you desaturate by 10%, it is **45.6447, 48.5985, 52.3186**.

Distribution



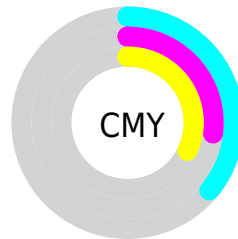
- Red (64%)
- Green (73%)
- Blue (68%)



- Red (64%)
- Yellow (71%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4116, 46.0275, 46.2894 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 40.4116, 46.0275, 46.2894 by changing the saturation by 10% instead.


 40.4116, 46.0275,
46.2894


 40.4116, 46.0275,
46.2894


338.9601,
370.9192, 388.2822

 28.0452, 32.2675,
32.1239

 75.0702, 84.2602,
85.9908

 18.5004, 21.5659,
21.1906


 98.0932, 109.5016,
112.3638

 11.4117, 13.5383,
13.0708


125.3992,
139.3390, 143.6431

 6.4138, 7.8003,
7.3460

157.3534,
174.1568, 180.2471

 3.1413, 3.9674,
3.5977

194.3212,
214.3393, 222.5945

 1.2289, 1.6553,
1.4073

236.6680,

 0.1290, 0.3945,

260.2709, 271.1038

0.1474

284.7592,
312.3361, 326.1936

■ 0.0000, 0.0000,
0.0000

■ 40.4116, 46.0275,
46.2894

■ 40.4116, 46.0275,
46.2894

■ 35.8300, 43.7848,
40.7495

■ 45.6447, 48.5985,
52.3186

■ 31.8698, 41.8512,
35.6837

■ 51.5503, 51.5046,
58.8457

■ 28.5040, 40.2145,
31.0803

■ 58.1532, 54.7596,
65.8831

■ 25.7020, 38.8591,
26.9261

■ 65.4757, 58.3748,
73.4418

■ 23.4307, 37.7681,
23.2071

■ 72.7982, 61.9790,
81.4977

■ 21.6530, 36.9228,
19.9088

■ 74.3731, 62.6089,
89.7910

■ 20.3268, 36.3018,
17.0154

■ 76.0468, 63.2784,
98.6046

■ 19.4023, 35.8797,
14.5105

■ 76.8498, 63.5996,
102.8333

■ 18.8672, 35.6426,
12.7378

Harmonies

Analogous

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



41.5071, 46.0275, 42.2603



40.4116, 46.0275, 46.2894



40.1966, 46.0275, 51.6331

Triad

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



40.4116, 46.0275, 46.2894



44.2743, 46.0275, 61.3189



46.7126, 46.0275, 43.8657

Complementary

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



40.4116, 46.0275, 46.2894



41.4627, 40.1656, 47.1646

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.



47.5021, 46.0275, 48.6291



40.4116, 46.0275, 46.2894



46.0677, 46.0275, 58.8897

Square

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



40.4116, 46.0275, 46.2894



42.3903, 46.0275, 60.5781



47.2627, 46.0275, 54.1481



45.1339, 46.0275, 40.9338

Rectangle

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



40.4116, 46.0275, 46.2894



40.5755, 46.0275, 55.2718



47.2627, 46.0275, 54.1481



47.0812, 46.0275, 45.2914

Sweetspot

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



40.4129, 46.0294, 46.2904



80.5039, 86.9895, 92.3039



42.4385, 47.1710, 41.9908



17.5653, 19.0764, 20.1409



90.7827, 95.5105, 104.0109



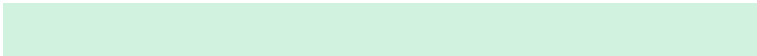
18.6292, 19.5994, 21.3438

Same Dimension

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



40.4129, 46.0294, 46.2904



71.1460, 82.3968, 81.4074



41.5011, 46.4647, 52.0210



9.0385, 10.1194, 10.3604



12.7279, 23.9921, 8.7549



0.4796, 0.8582, 0.4715

Inverse Universe

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



41.4627, 40.1656, 47.1646



73.3975, 69.8192, 83.2819



40.4279, 39.7516, 41.7155



9.2213, 9.0989, 10.5126



15.5519, 7.7945, 10.7928



0.5782, 0.2867, 0.5380

Previews

White Background



This preview shows how the XYZ color 40.4116, 46.0275, 46.2894 looks on a white background.

Color Contrast Check

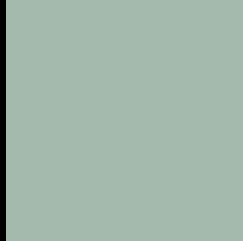
Large Text (above 18pt) WCAG AA × Fail

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 40.4116, 46.0275, 46.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

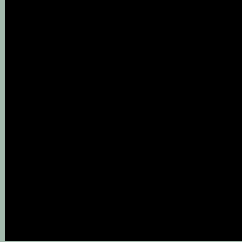
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

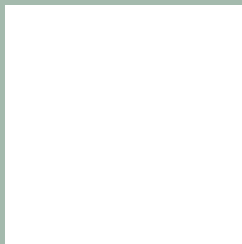
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4116, 46.0275, 46.2894

Background



This preview shows how black text looks on a background with the XYZ color 40.4116, 46.0275, 46.2894.



This preview shows how white text looks on a background with the XYZ color 40.4116, 46.0275,

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

40.4116, 46.0275, 46.2894

Protanopia

43.8267, 45.9839, 44.5961

Deuteranopia

46.6933, 45.6466, 46.9071



Tritanopia

42.9544, 45.8119, 59.4020

Trichromacy



Original Color

40.4116, 46.0275, 46.2894

Protanomaly

42.4387, 45.8611, 45.1434

Deuteranomaly

44.0539, 45.4616, 46.4975

Tritanomaly

41.9469, 45.7133, 54.1897

Monochromacy



Original Color

40.4116, 46.0275, 46.2894

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.5939, 45.0666, 47.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4116, 46.0275, 46.2894 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(164, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(164, 186, 173)  
}
```

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(164, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 186, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.4116, 46.0275, 46.2894 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(164, 186, 173) }
```


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

```
.border{ border-color:rgb(164, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(164, 186,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4116, 46.0275, 46.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 186, 173) }
```

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

```
.background{ background-color: rgb(164,  
186, 173) }
```

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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