

Converting Colors

XYZ(40.6529, 40.6005, 46.4232)

Have a look what the booklet for
XYZ(40.6529, 40.6005, 46.4232)
contains.

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Color

**XYZ(40.6126, 40.5563,
46.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A7AF
RGB	181, 167, 175
RGB Percent	71%, 65%, 69%
CMY	0.2902, 0.3451, 0.3137
CMYK	0.00, 0.08, 0.03, 0.29
HSL	326°, 9%, 68%
HSV	326°, 8%, 71%
XYZ	40.6126, 40.5563, 46.2451
YIQ	172.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

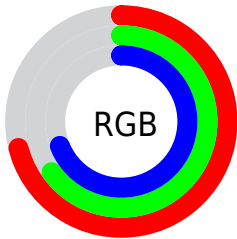
Format	Color
RYB	181, 167, 175
Decimal	11904943
CIELab	69.86, 6.49, -2.30
CIElCh	70, 6.888, 340.533
Yxy	40.5563, 0.3187, 0.3183
Android (android.graphics.Color)	4290095023 (0xFFB5A7AF)
YUV	172.0980, 1.4307, 7.8071
Hunter-Lab	63.6838, 2.3867, 1.5242

Details

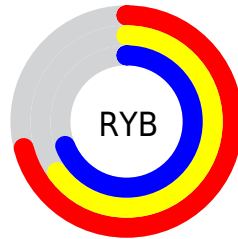
The XYZ color **40.6126, 40.5563, 46.2451** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0045, 44.2814, 45.9759**, and the grayscale version is **39.2541, 41.2984, 44.9740**.

A 20% lighter version of the original color is **75.3293, 75.9602, 85.5544**, and **18.6080, 18.2807, 21.2867** is the 20% darker color. If you saturate the color by 10%, you get **36.7861, 34.0875, 41.3176**, and if you desaturate by 10%, it is **44.9493, 47.9744, 51.5597**.

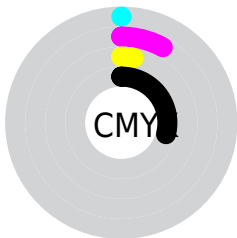
Distribution



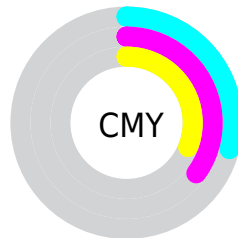
- Red (71%)
- Green (65%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (29%)





- Cyan (29%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6126, 40.5563, 46.2451 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 40.6126, 40.5563, 46.2451 by changing the saturation by 10% instead.


 40.6126, 40.5563,
46.2451


 40.6126, 40.5563,
46.2451


339.7892,
348.4627, 388.0993

 28.2028, 27.9725,
32.0892

 75.3739, 76.0099,
85.9238

 18.6199, 18.3050,
21.1643


 98.4561, 99.6485,
112.2838

 11.4983, 11.1692,
13.0517

125.8266,
127.7409, 143.5488

 6.4728, 6.1807,
7.3330

157.8505,
160.6714, 180.1375

 3.1780, 2.9553,
3.5896

194.8934,
198.8244, 222.4683

 1.2486, 1.1084,
1.4030

237.3206,

 0.1442, 0.0000,

242.5844, 270.9599

0.1441

285.4974,
292.3357, 326.0307

■ 0.0000, 0.0000,
0.0000

■ 40.6126, 40.5563,
46.2451

■ 40.6126, 40.5563,
46.2451

■ 36.7861, 34.0875,
41.3176

■ 44.9493, 47.9744,
51.5597

■ 33.4464, 28.5239,
36.7643

■ 49.8116, 56.3728,
57.2686

■ 30.5734, 23.8262,
32.5754

■ 55.2183, 65.7878,
63.3819

■ 28.1444, 19.9497,
28.7394

■ 61.1863, 76.2521,
69.9087

■ 26.1343, 16.8459,
25.2442

■ 66.9277, 86.1884,
76.5895

■ 24.5157, 14.4612,
22.0766

■ 67.9413, 86.5939,
81.9272

■ 23.2576, 12.7349,
19.2220

■ 69.0028, 87.0185,
87.5168

■ 22.3239, 11.5962,
16.6643

■ 70.1127, 87.4624,
93.3616

■ 21.6595, 10.9364,
14.3806

■ 71.2717, 87.9260,
99.4647

Harmonies

Analogous

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



39.9633, 40.5563, 49.0113



40.6126, 40.5563, 46.2451



40.7025, 40.5563, 43.0416

Triad

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



40.6126, 40.5563, 46.2451



38.1554, 40.5563, 38.3718



36.9348, 40.5563, 48.2872

Complementary

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



40.6126, 40.5563, 46.2451



40.0045, 44.2814, 45.9759

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.



36.4700, 40.5563, 45.2954



40.6126, 40.5563, 46.2451



37.1657, 40.5563, 39.6379

Square

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



40.6126, 40.5563, 46.2451



39.2693, 40.5563, 38.5986



36.5537, 40.5563, 42.1364



37.8347, 40.5563, 50.2292

Rectangle

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



40.6126, 40.5563, 46.2451



40.4312, 40.5563, 41.1008



36.5537, 40.5563, 42.1364



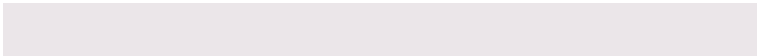
36.7233, 40.5563, 47.3651

Sweetspot

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



40.6138, 40.5581, 46.2460



77.0495, 79.9963, 88.1630



39.3575, 39.8408, 49.3323



16.6715, 17.3215, 19.0776



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.6138, 40.5581, 46.2460



71.7114, 70.8938, 81.5320



39.9596, 40.2964, 42.8011



8.6930, 8.5839, 9.8817



14.8742, 7.4672, 9.7635



0.4965, 0.2464, 0.4574

Inverse Universe

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



40.6138, 40.5581, 46.2460



71.7114, 70.8938, 81.5320



40.6827, 44.5526, 49.5470



8.6930, 8.5839, 9.8817



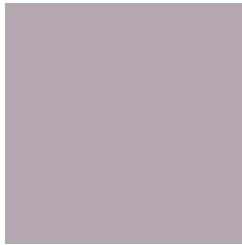
14.8742, 7.4672, 9.7635



0.4965, 0.2464, 0.4574

Previews

White Background



This preview shows how the XYZ color 40.6126, 40.5563, 46.2451 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 40.6126, 40.5563, 46.2451 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 40.6126, 40.5563, 46.2451

Background



This preview shows how black text looks on a background with the XYZ color 40.6126, 40.5563, 46.2451.



This preview shows how white text looks on a background with the XYZ color 40.6126, 40.5563,

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

40.6126, 40.5563, 46.2451

Protanopia

39.3238, 40.6944, 47.3772

Deuteranopia

41.3817, 40.6819, 46.2288



Tritanopia

41.0643, 40.4722, 48.2954

Trichromacy



Original Color

40.6126, 40.5563, 46.2451

Protanomaly

39.7036, 40.6245, 46.8230

Deuteranomaly

41.1412, 40.5579, 46.2175

Tritanomaly

40.9635, 40.4319, 47.7646

Monochromacy



Original Color

40.6126, 40.5563, 46.2451

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5967, 40.8805, 45.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6126, 40.5563, 46.2451 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(181, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 175)  
}
```

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(181, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.6126, 40.5563, 46.2451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

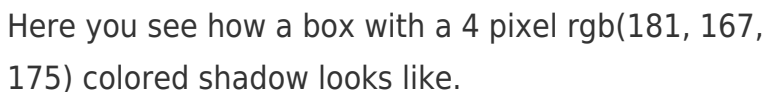
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 167, 175) }
```


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

```
.border{ border-color:rgb(181, 167, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6126, 40.5563, 46.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 175) }
```

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

```
.background{ background-color: rgb(181,  
167, 175) }
```

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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