

Converting Colors

XYZ(40.2496, 46.1094, 40.9380)

Have a look what the booklet for
XYZ(40.2496, 46.1094, 40.9380)
contains.

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Color

**XYZ(40.2289, 46.0513,
40.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BAA2
RGB	168, 186, 162
RGB Percent	66%, 73%, 64%
CMY	0.3412, 0.2706, 0.3647
CMYK	0.10, 0.00, 0.13, 0.27
HSL	105°, 15%, 68%
HSV	105°, 13%, 73%
XYZ	40.2289, 46.0513, 40.9509
YIQ	177.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

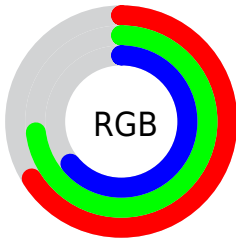
Format	Color
R _{YB}	162, 186, 180
Decimal	11057826
CIE Lab	73.58, -10.71, 10.08
CIE LCh	74, 14.706, 136.729
Yxy	46.0513, 0.3162, 0.3620
Android (android.graphics.Color)	4289247906 (0xFFA8BAA2)
YUV	177.8820, -7.8298, -8.6665
Hunter-Lab	67.8611, -12.9399, 11.7241

Details

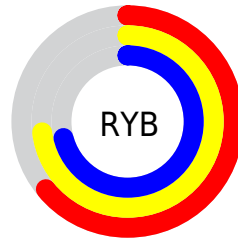
The XYZ color **40.2289, 46.0513, 40.9509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.6076, 39.0905, 51.8618**, and the grayscale version is **42.2968, 44.4995, 48.4600**.

A 20% lighter version of the original color is **74.7079, 84.2020, 77.9607**, and **18.4045, 21.6139, 17.9537** is the 20% darker color. If you saturate the color by 10%, you get **35.8840, 43.9899, 32.7458**, and if you desaturate by 10%, it is **45.1396, 48.3788, 50.4611**.

Distribution



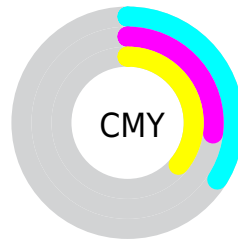
- Red (66%)
- Green (73%)
- Blue (64%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2289, 46.0513, 40.9509 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 40.2289, 46.0513, 40.9509 by changing the saturation by 10% instead.

■ 40.2289, 46.0513,
40.9509

■ 40.2289, 46.0513,
40.9509

338.2053,
371.0149, 365.7859

■ 27.9021, 32.2863,
27.9613

■ 74.7941, 84.2958,
77.8622

■ 18.3919, 21.5803,
18.0577

■ 97.7631, 109.5440,
102.6210

■ 11.3331, 13.5488,
10.8216

125.0103,
139.3888, 132.1400

■ 6.3603, 7.8075,
5.8343

156.9009,
174.2146, 166.8376

■ 3.1081, 3.9720,
2.6774

193.8004,
214.4057, 207.1325

■ 1.2112, 1.6579,
0.9320

236.0740,

■ 0.1152, 0.3962,

260.3465, 253.4431

0.0000

284.0872,
312.4214, 306.1881

■ 0.0000, 0.0000,
0.0000

■ 40.2289, 46.0513,
40.9509

■ 40.2289, 46.0513,
40.9509

■ 35.8840, 43.9899,
32.7458

■ 45.1396, 48.3788,
50.4611

■ 32.0805, 42.1792,
25.7859

■ 50.6321, 50.9755,
61.3267

■ 28.7975, 40.6112,
20.0112

■ 56.7261, 53.8517,
73.5991

■ 26.0116, 39.2752,
15.3557

■ 63.4394, 57.0157,
87.3259

■ 23.6973, 38.1596,
11.7467

■ 70.7886, 60.4750,
102.5496

■ 21.8265, 37.2517,
9.1028

■ 75.6497, 62.9810,
102.7771

■ 20.3682, 36.5377,
7.3311

■ 76.8498, 63.5997,
102.8333

■ 19.2865, 36.0013,
6.3199

■ 18.7087, 35.7120,
5.9070

Harmonies

Analogous

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



42.3465, 46.0513, 37.6377



40.2289, 46.0513, 40.9509



39.0809, 46.0513, 46.9253

Triad

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



40.2289, 46.0513, 40.9509



42.6323, 46.0513, 65.4148



48.7368, 46.0513, 46.1312

Complementary

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



40.2289, 46.0513, 40.9509



40.6076, 39.0905, 51.8618

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.



48.8208, 46.0513, 53.5025



40.2289, 46.0513, 40.9509



45.2258, 46.0513, 65.1481

Square

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



40.2289, 46.0513, 40.9509



40.4309, 46.0513, 61.3109



47.5138, 46.0513, 60.6148



47.2888, 46.0513, 40.4193

Rectangle

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



40.2289, 46.0513, 40.9509



38.9890, 46.0513, 51.8391



47.5138, 46.0513, 60.6148



48.9275, 46.0513, 48.4824

Sweetspot

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



40.2302, 46.0533, 40.9519



80.7267, 87.1703, 89.3325



43.0945, 45.6924, 40.7313



17.6228, 19.1232, 19.3708



90.7827, 95.5105, 104.0109



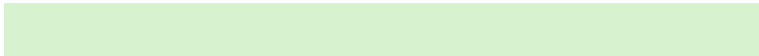
18.6292, 19.5994, 21.3438

Same Dimension

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



40.2302, 46.0533, 40.9519



70.9793, 82.5514, 70.5298



39.5285, 45.6285, 43.7707



9.0951, 10.1657, 9.5897



12.6452, 24.0551, 3.9766



0.5042, 0.8781, 0.1429

Inverse Universe

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



40.6076, 39.0905, 51.8618



71.7740, 67.8782, 93.5203



41.4100, 39.5763, 48.6384



9.1558, 9.0467, 11.3431



13.2549, 6.1443, 31.7404



0.5203, 0.2439, 1.1214

Previews

White Background



This preview shows how the XYZ color 40.2289, 46.0513, 40.9509 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 40.2289, 46.0513, 40.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

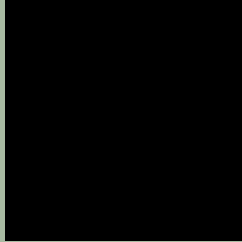
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

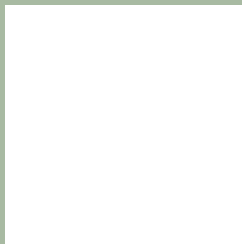
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2289, 46.0513, 40.9509

Background



This preview shows how black text looks on a background with the XYZ color 40.2289, 46.0513, 40.9509.



This preview shows how white text looks on a background with the XYZ color 40.2289, 46.0513,

40.9509.

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

40.2289, 46.0513, 40.9509

Protanopia

43.5655, 45.9645, 39.3768

Deuteranopia

46.7387, 45.7898, 41.4969



Tritanopia

43.7213, 45.9175, 58.7832

Trichromacy



Original Color

40.2289, 46.0513, 40.9509

Protanomaly

42.1292, 45.8177, 39.8810

Deuteranomaly

44.0171, 45.5615, 41.1246

Tritanomaly

42.3798, 45.9856, 51.9899

Monochromacy



Original Color

40.2289, 46.0513, 40.9509

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.4258, 45.0250, 45.5370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2289, 46.0513, 40.9509 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(168, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(168, 186, 162)  
}
```

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(168, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 186, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.2289, 46.0513, 40.9509 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(168, 186, 162) }
```


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

```
.border{ border-color:rgb(168, 186, 162) }
```

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

Here you see how a box with a 4 pixel rgb(168, 186, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(168, 186,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2289, 46.0513, 40.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 186, 162) }
```

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

```
.background{ background-color: rgb(168,  
186, 162) }
```

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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