

Converting Colors

XYZ(40.9760, 43.3695, 46.1142)

Have a look what the booklet for
XYZ(40.9760, 43.3695, 46.1142)
contains.

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Color

**XYZ(40.8445, 43.2206,
46.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB0AE
RGB	175, 176, 174
RGB Percent	69%, 69%, 68%
CMY	0.3137, 0.3098, 0.3176
CMYK	0.01, 0.00, 0.01, 0.31
HSL	90°, 1%, 69%
HSV	90°, 1%, 69%
XYZ	40.8445, 43.2206, 46.2341
YIQ	175.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

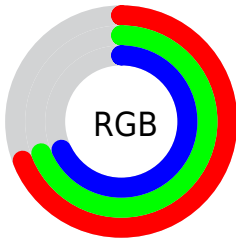
Format	Color
RYB	174, 176, 175
Decimal	11514030
CIELab	71.70, -0.72, 0.89
CIELCh	72, 1.147, 129.115
Yxy	43.2206, 0.3135, 0.3317
Android (android.graphics.Color)	4289704110 (0xFFAFB0AE)
YUV	175.4730, -0.7262, -0.4148
Hunter-Lab	65.7424, -4.1505, 4.3233

Details

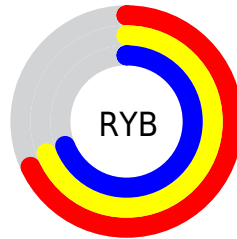
The XYZ color **40.8445, 43.2206, 46.2341** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6534, 42.5218, 47.1414**, and the grayscale version is **40.9973, 43.1324, 46.9712**.

A 20% lighter version of the original color is **75.6326, 80.1934, 85.6213**, and **18.8889, 20.0314, 21.2832** is the 20% darker color. If you saturate the color by 10%, you get **37.3259, 41.5934, 37.6918**, and if you desaturate by 10%, it is **44.7196, 45.0081, 55.9686**.

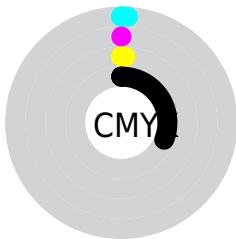
Distribution



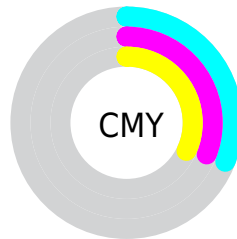
- Red (69%)
- Green (69%)
- Blue (68%)



- Red (68%)
- Yellow (69%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8445, 43.2206, 46.2341 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 40.8445, 43.2206, 46.2341 by changing the saturation by 10% instead.

■ 40.8445, 43.2206,
46.2341

■ 40.8445, 43.2206,
46.2341

340.7440,
359.5182, 388.0539

■ 28.3847, 30.0582,
32.0806

■ 75.7240, 80.0436,
85.9072

■ 18.7578, 19.8828,
21.1577

98.8744, 104.4731,
112.2639

■ 11.5984, 12.3099,
13.0470

126.3191,
133.4271, 143.5254

■ 6.5411, 6.9551,
7.3298

158.4234,
167.2900, 180.1102

■ 3.2205, 3.4340,
3.5876

195.5527,
206.4461, 222.4370

■ 1.2714, 1.3623,
1.4020

238.0723,

■ 0.1617, 0.1887,

251.2799, 270.9241

0.1433

286.3476,
302.1758, 325.9903

■ 0.0000, 0.0000,
0.0000

■ 40.8445, 43.2206,
46.2341

■ 40.8445, 43.2206,
46.2341

■ 37.3259, 41.5934,
37.6918

■ 44.7196, 45.0081,
55.9686

■ 34.1490, 40.1161,
30.2931

■ 48.9581, 46.9548,
66.9357

■ 31.3034, 38.7857,
23.9901

■ 53.5714, 49.0668,
79.1776

■ 28.7764, 37.5968,
18.7306

■ 58.5690, 51.3483,
92.7334

■ 26.5547, 36.5437,
14.4580

■ 62.8121, 53.3440,
101.5936

■ 24.6238, 35.6204,
11.1105

■ 65.5361, 54.7483,
101.7211

■ 22.9677, 34.8201,
8.6191

■ 68.4026, 56.2260,
101.8552

■ 21.5686, 34.1353,
6.9054

■ 71.4137, 57.7783,
101.9962

■ 20.4058, 33.5574,
5.8763

■ 74.5715, 59.4062,
102.1439

Harmonies

Analogous

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



41.0207, 43.2206, 46.0107



40.8445, 43.2206, 46.2341



40.7316, 43.2206, 46.6792

Triad

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



40.8445, 43.2206, 46.2341



40.9468, 43.2206, 48.0672



41.4501, 43.2206, 46.8905

Complementary

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



40.8445, 43.2206, 46.2341



40.6534, 42.5218, 47.1414

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.



41.4301, 43.2206, 47.4426



40.8445, 43.2206, 46.2341



41.1391, 43.2206, 48.1249

Square

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



40.8445, 43.2206, 46.2341



40.7905, 43.2206, 47.7385



41.3162, 43.2206, 47.8954



41.3706, 43.2206, 46.3877

Rectangle

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



40.8445, 43.2206, 46.2341



40.7072, 43.2206, 47.0433



41.3162, 43.2206, 47.8954



41.4548, 43.2206, 47.0764

Sweetspot

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



40.8457, 43.2225, 46.2350



74.8435, 78.7412, 85.7492



40.8761, 42.9477, 46.1804



16.2198, 17.0645, 18.5832



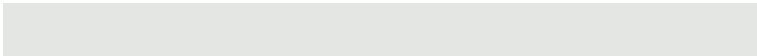
84.5950, 89.0005, 96.9216

Same Dimension

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



40.8457, 43.2225, 46.2350



74.1576, 78.4245, 84.0504



40.6221, 43.1072, 46.2246



9.4705, 10.0111, 10.7435



14.4015, 24.3343, 3.9380



0.5204, 0.8004, 0.1271

Inverse Universe

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



40.6534, 42.5218, 47.1414



73.8454, 77.2875, 85.5212



40.8786, 42.6380, 47.1519



9.4339, 9.8779, 10.9157



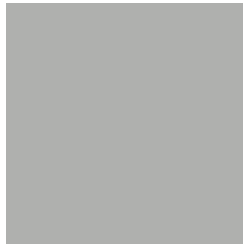
8.7803, 3.8622, 30.4197



0.3435, 0.1562, 0.9603

Previews

White Background



This preview shows how the XYZ color 40.8445, 43.2206, 46.2341 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 40.8445, 43.2206, 46.2341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

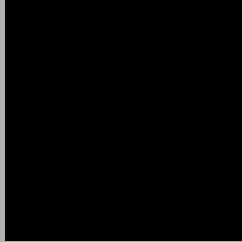
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

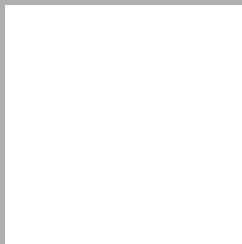
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8445, 43.2206, 46.2341

Background



This preview shows how black text looks on a background with the XYZ color 40.8445, 43.2206, 46.2341.



This preview shows how white text looks on a background with the XYZ color 40.8445, 43.2206,

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

40.8445, 43.2206, 46.2341

Protanopia

41.4632, 43.2608, 45.7000

Deuteranopia

44.1049, 43.1821, 46.5678



Tritanopia

42.3446, 43.2501, 53.6932

Trichromacy



Original Color

40.8445, 43.2206, 46.2341

Protanomaly

41.2329, 43.1421, 45.6892

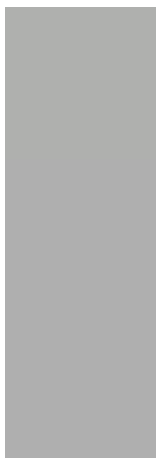
Deuteranomaly

42.7401, 43.0393, 46.6122

Tritanomaly

41.7817, 43.3089, 50.9571

Monochromacy



Original Color

40.8445, 43.2206, 46.2341

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7470, 42.8690, 46.6844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8445, 43.2206, 46.2341 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(175, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 174)  
}
```

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(175, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.8445, 43.2206, 46.2341 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(175, 176, 174) }
```

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

```
.border{ border-color:rgb(175, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
174) }
```


Background

The CSS property to change the background color of an element to XYZ 40.8445, 43.2206, 46.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 174) }
```

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

```
.background{ background-color: rgb(175,  
176, 174) }
```

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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