

Converting Colors

XYZ(44.3789, 46.2183, 49.9954)

Have a look what the booklet for
XYZ(44.3789, 46.2183, 49.9954)
contains.

XYZ(44.3266, 46.1282, 49.7474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.3266, 46.1282,
49.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B4B4
RGB	184, 180, 180
RGB Percent	72%, 71%, 71%
CMY	0.2784, 0.2941, 0.2941
CMYK	0.00, 0.02, 0.02, 0.28
HSL	0°, 3%, 71%
HSV	0°, 2%, 72%
XYZ	44.3266, 46.1282, 49.7474
YIQ	181.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

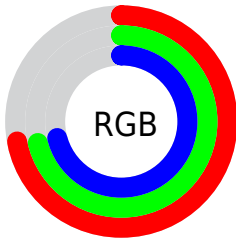
Format	Color
RYB	184, 180, 180
Decimal	12104884
CIELab	73.63, 1.41, 0.49
CIELCh	74, 1.497, 19.193
Yxy	46.1282, 0.3162, 0.3290
Android (android.graphics.Color)	4290294964 (0xFFB8B4B4)
YUV	181.1960, -0.5896, 2.4591
Hunter-Lab	67.9177, -2.3578, 4.1145

Details

The XYZ color **44.3266, 46.1282, 49.7474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6144, 47.4441, 52.1540**, and the grayscale version is **44.0303, 46.3233, 50.4461**.

A 20% lighter version of the original color is **81.0710, 84.5723, 91.4081**, and **20.7802, 21.5363, 23.1404** is the 20% darker color. If you saturate the color by 10%, you get **39.1071, 38.4920, 39.3654**, and if you desaturate by 10%, it is **50.2899, 54.8525, 61.6062**.

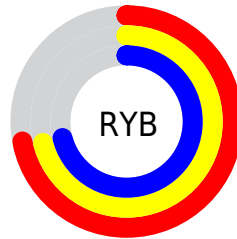
Distribution



Red (72%)

Green (71%)

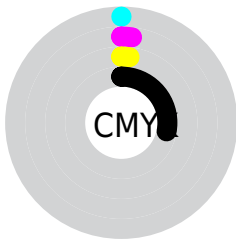
Blue (71%)



Red (72%)

Yellow (71%)

Blue (71%)

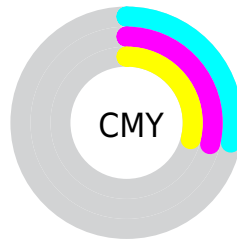


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3266, 46.1282, 49.7474 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 44.3266, 46.1282, 49.7474 by changing the saturation by 10% instead.

■ 44.3266, 46.1282,
49.7474

■ 44.3266, 46.1282,
49.7474

354.8691,
371.3238, 402.3840

■ 31.1264, 32.3470,
34.8430

■ 80.9523, 84.4108,
91.1929

■ 20.8474, 21.6267,
23.2593

105.1084,
109.6810, 118.5711

■ 13.1243, 13.5828,
14.5780

133.6473,
139.5497, 150.9443

■ 7.5918, 7.8311,
8.3805

166.9341,
174.4012, 188.7310

■ 3.8845, 3.9871,
4.2481

205.3344,
214.6200, 232.3498

■ 1.6370, 1.6663,
1.7624

249.2134,

■ 0.4163, 0.4017,

260.5905, 282.2192

0.4030

298.9365,
312.6969, 338.7578

■ 0.0000, 0.0000,
0.0000

■ 44.3266, 46.1282,
49.7474

■ 44.3266, 46.1282,
49.7474

■ 39.1071, 38.4920,
39.3654

■ 50.2899, 54.8525,
61.6062

■ 34.5984, 31.8955,
30.3995

■ 57.0205, 64.6990,
74.9932

■ 30.7711, 26.2956,
22.7892

■ 64.5455, 75.7075,
89.9611

■ 27.5920, 21.6439,
16.4687

■ 72.8898, 87.9144,
106.5593

■ 25.0253, 17.8880,
11.3665

■ 73.5773, 88.9304,
107.8951

■ 23.0316, 14.9702,
7.4042

■ 21.5669, 12.8263,
4.4943

■ 20.5810, 11.3829,
2.5366

■ 20.0138, 10.5522,
1.4118

Harmonies

Analogous

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



44.3460, 46.1282, 50.5000



44.3266, 46.1282, 49.7474



44.1774, 46.1282, 49.1290

Triad

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



44.3266, 46.1282, 49.7474



43.4588, 46.1282, 49.2778



43.7480, 46.1282, 51.6733

Complementary

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



44.3266, 46.1282, 49.7474



44.6144, 47.4441, 52.1540

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.



43.5112, 46.1282, 51.3388



44.3266, 46.1282, 49.7474



43.3447, 46.1282, 49.9526

Square

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



44.3266, 46.1282, 49.7474



43.6761, 46.1282, 48.8597



43.3639, 46.1282, 50.7072



44.0112, 46.1282, 51.6170

Rectangle

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



44.3266, 46.1282, 49.7474



44.0248, 46.1282, 48.8736



43.3639, 46.1282, 50.7072



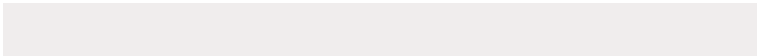
43.6627, 46.1282, 51.6027

Sweetspot

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



44.3279, 46.1302, 49.7484



81.5364, 85.3501, 92.5299



44.7407, 46.2942, 51.9254



17.5894, 18.4170, 19.9710



88.6918, 93.3107, 101.6153



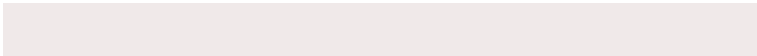
17.8044, 18.7317, 20.3988

Same Dimension

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



44.3279, 46.1302, 49.7484



79.4731, 82.3316, 88.4265



44.7339, 46.9421, 49.8837



9.6609, 9.9727, 10.6761



13.6248, 7.0260, 0.6380



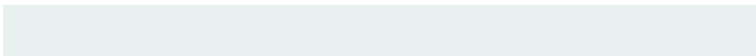
0.4805, 0.2481, 0.0226

Inverse Universe

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



44.6144, 47.4441, 52.1540



80.1979, 85.6547, 94.5107



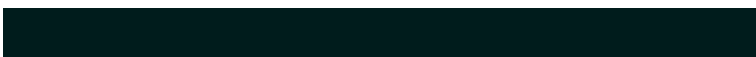
44.2027, 46.6205, 52.0167



9.7692, 10.4693, 11.5853



17.7538, 25.9673, 35.3295



0.6261, 0.9158, 1.2455

Previews

White Background



This preview shows how the XYZ color 44.3266, 46.1282, 49.7474 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 44.3266, 46.1282, 49.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

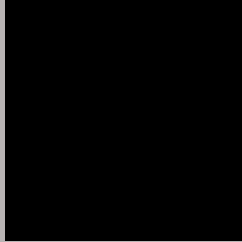
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

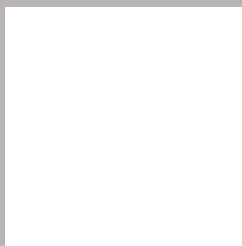
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3266, 46.1282, 49.7474

Background



This preview shows how black text looks on a background with the XYZ color 44.3266, 46.1282, 49.7474.

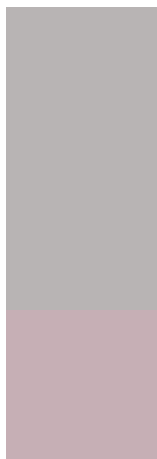


This preview shows how white text looks on a background with the XYZ color 44.3266, 46.1282,

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

44.3266, 46.1282, 49.7474

Protanopia

44.3266, 46.1282, 49.7474

Deuteranopia

46.9592, 46.0019, 50.1203



Tritanopia

45.6845, 46.0857, 56.3568

Trichromacy



Original Color

44.3266, 46.1282, 49.7474

Protanomaly

44.3266, 46.1282, 49.7474

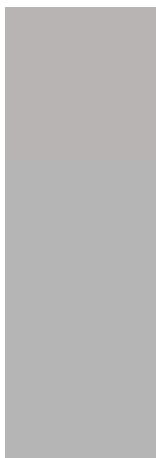
Deuteranomaly

46.0549, 46.1179, 50.1904

Tritanomaly

45.2048, 46.1853, 54.1091

Monochromacy



Original Color

44.3266, 46.1282, 49.7474

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.1558, 46.3290, 50.3312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3266, 46.1282, 49.7474 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(184, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 180, 180)  
}
```

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(184, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 180, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.3266, 46.1282, 49.7474 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(184, 180, 180) }
```


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

```
.border{ border-color:rgb(184, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 180,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3266, 46.1282, 49.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 180, 180) }
```

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

```
.background{ background-color: rgb(184,  
180, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor