

Converting Colors

XYZ(45.3481, 47.8121, 49.3094)

Have a look what the booklet for
XYZ(45.3481, 47.8121, 49.3094)
contains.

XYZ(45.5269, 47.9748, 49.5084)	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(45.5269, 47.9748,
49.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB8B3
RGB	186, 184, 179
RGB Percent	73%, 72%, 70%
CMY	0.2706, 0.2784, 0.2980
CMYK	0.00, 0.01, 0.04, 0.27
HSL	43°, 5%, 72%
HSV	43°, 4%, 73%
XYZ	45.5269, 47.9748, 49.5084
YIQ	184.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

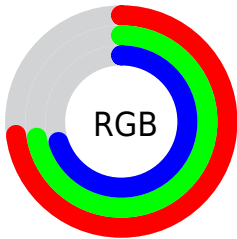
Format	Color
RYB	182, 186, 179
Decimal	12236979
CIELab	74.81, -0.21, 2.77
CIELCh	75, 2.782, 94.232
Yxy	47.9748, 0.3183, 0.3355
Android (android.graphics.Color)	4290427059 (0xFFBAB8B3)
YUV	184.0280, -2.4788, 1.7294
Hunter-Lab	69.2638, -3.8843, 6.1054

Details

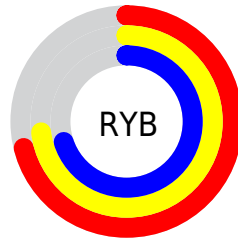
The XYZ color **45.5269, 47.9748, 49.5084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9772, 46.1760, 53.0500**, and the grayscale version is **45.5888, 47.9629, 52.2316**.

A 20% lighter version of the original color is **82.7734, 87.1956, 91.0651**, and **21.5551, 22.7255, 22.9891** is the 20% darker color. If you saturate the color by 10%, you get **42.6902, 45.1113, 39.8994**, and if you desaturate by 10%, it is **48.6614, 51.0267, 60.4698**.

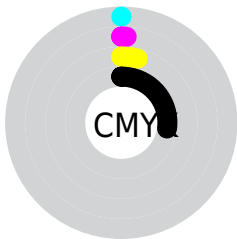
Distribution



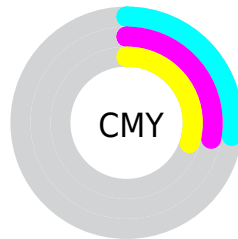
- Red (73%)
- Green (72%)
- Blue (70%)



- Red (71%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5269, 47.9748, 49.5084 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 45.5269, 47.9748, 49.5084 by changing the saturation by 10% instead.

■ 45.5269, 47.9748,
49.5084

■ 45.5269, 47.9748,
49.5084

359.6512,
378.6922, 401.4202

■ 32.0757, 33.8069,
34.6545

■ 82.7427, 87.1669,
90.8349

■ 21.5751, 22.7453,
23.1154

107.2381,
112.9599, 118.1445

■ 13.6599, 14.4056,
14.4727

136.1455,
143.3967, 150.4432

■ 7.9646, 8.4033,
8.3076

169.8303,
178.8618, 188.1493

■ 4.1239, 4.3541,
4.2018

208.6580,
219.7395, 231.6816

■ 1.7725, 1.8735,
1.7367

252.9938,

■ 0.5010, 0.5324,

266.4142, 281.4585

0.3857

303.2031,
319.2703, 337.8985

■ 0.0000, 0.0000,
0.0000

■ 45.5269, 47.9748,
49.5084

■ 45.5269, 47.9748,
49.5084

■ 42.6902, 45.1113,
39.8994

■ 48.6614, 51.0267,
60.4698

■ 40.1369, 42.4249,
31.5864

■ 52.0996, 54.2654,
72.8308

■ 37.8568, 39.9126,
24.5136

■ 55.8525, 57.6974,
86.6401

■ 35.8382, 37.5688,
18.6200

■ 59.9289, 61.3271,
101.9432

■ 34.0679, 35.3875,
13.8392

■ 61.4777, 64.0146,
103.7236

■ 32.5317, 33.3623,
10.0984

■ 62.8136, 66.6866,
104.1689

■ 31.2135, 31.4860,
7.3160

■ 64.1935, 69.4463,
104.6289

■ 30.0951, 29.7505,
5.3980

■ 65.6176, 72.2945,
105.1036

■ 29.1545, 28.1461,
4.2313

■ 67.0864, 75.2321,
105.5932

Harmonies

Analogous

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



46.0226, 47.9748, 49.7687



45.5269, 47.9748, 49.5084



45.0538, 47.9748, 49.9679

Triad

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



45.5269, 47.9748, 49.5084



44.7995, 47.9748, 53.8185



46.4798, 47.9748, 53.4563

Complementary

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



45.5269, 47.9748, 49.5084



43.9772, 46.1760, 53.0500

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.



46.1477, 47.9748, 54.5725



45.5269, 47.9748, 49.5084



45.1772, 47.9748, 54.7844

Square

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



45.5269, 47.9748, 49.5084



44.6358, 47.9748, 52.4421



45.6704, 47.9748, 55.0628



46.5751, 47.9748, 52.0312

Rectangle

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



45.5269, 47.9748, 49.5084



44.8143, 47.9748, 50.6257



45.6704, 47.9748, 55.0628



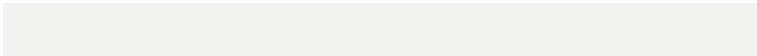
46.3921, 47.9748, 53.8809

Sweetspot

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



45.5282, 47.9769, 49.5094



84.0274, 88.4446, 94.9466



44.7212, 46.0204, 50.2963



18.5106, 19.4832, 20.9308



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.



45.5282, 47.9769, 49.5094



81.8127, 86.2556, 87.3012



45.6074, 48.6377, 49.6328



9.7607, 10.2927, 10.3381



19.3279, 18.4322, 2.5391



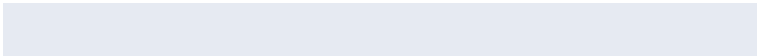
0.7313, 0.7496, 0.1062

Inverse Universe

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



43.9772, 46.1760, 53.0500



78.0487, 81.8853, 95.8932



43.8994, 45.5375, 52.9308



9.2662, 9.7185, 11.4669



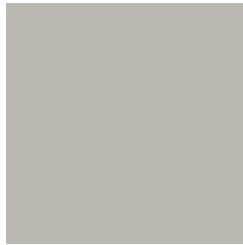
6.8771, 4.2138, 31.7040



0.2970, 0.2578, 1.1358

Previews

White Background



This preview shows how the XYZ color 45.5269, 47.9748, 49.5084 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 45.5269, 47.9748, 49.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

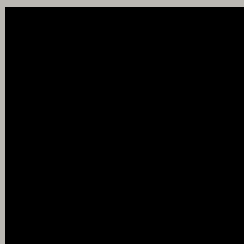
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

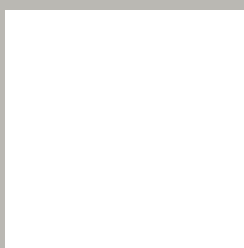
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5269, 47.9748, 49.5084

Background



This preview shows how black text looks on a background with the XYZ color 45.5269, 47.9748, 49.5084.



This preview shows how white text looks on a background with the XYZ color 45.5269, 47.9748,

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

45.5269, 47.9748, 49.5084

Protanopia

46.0564, 47.9405, 49.4738

Deuteranopia

48.7872, 47.8326, 49.8413



Tritanopia

47.4739, 47.8521, 58.9588

Trichromacy



Original Color

45.5269, 47.9748, 49.5084

Protanomaly

45.8092, 47.8130, 49.4623

Deuteranomaly

47.5854, 47.8081, 49.8999

Tritanomaly

46.7612, 47.8650, 55.4895

Monochromacy



Original Color

45.5269, 47.9748, 49.5084

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.5916, 47.9727, 51.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5269, 47.9748, 49.5084 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(186, 184, 179) looks like.

```
.text, #text, p{  
    color:rgb(186, 184, 179)  
}
```

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(186, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 184, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.5269, 47.9748, 49.5084 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(186, 184, 179) }
```


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

```
.border{ border-color:rgb(186, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 184,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5269, 47.9748, 49.5084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 184, 179) }
```

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

```
.background{ background-color: rgb(186,  
184, 179) }
```

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