

Converting Colors

XYZ(44.8375, 47.6955, 50.1855)

Have a look what the booklet for
XYZ(44.8375, 47.6955, 50.1855)
contains.

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Color

**XYZ(44.6701, 47.5214,
49.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B8B4
RGB	182, 184, 180
RGB Percent	71%, 72%, 71%
CMY	0.2863, 0.2784, 0.2941
CMYK	0.01, 0.00, 0.02, 0.28
HSL	90°, 3%, 71%
HSV	90°, 2%, 72%
XYZ	44.6701, 47.5214, 49.9982
YIQ	182.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

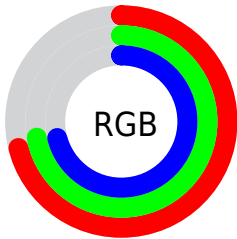
Format	Color
R_{YB}	180, 184, 182
Decimal	11974836
CIE Lab	74.52, -1.44, 1.77
CIE LCh	75, 2.284, 129.027
Yxy	47.5214, 0.3142, 0.3342
Android (android.graphics.Color)	4290164916 (0xFFB6B8B4)
YUV	182.9460, -1.4524, -0.8296
Hunter-Lab	68.9358, -4.9703, 5.2528

Details

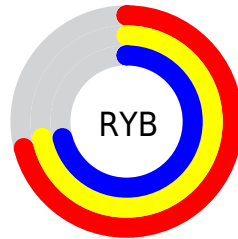
The XYZ color **44.6701, 47.5214, 49.9982** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2663, 46.0496, 51.9053**, and the grayscale version is **44.9890, 47.3319, 51.5444**.

A 20% lighter version of the original color is **81.5603, 86.5534, 91.7647**, and **21.0003, 22.4320, 23.3017** is the 20% darker color. If you saturate the color by 10%, you get **40.8151, 45.7378, 40.6738**, and if you desaturate by 10%, it is **48.9198, 49.4824, 60.6421**.

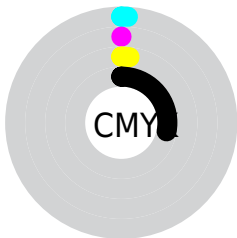
Distribution



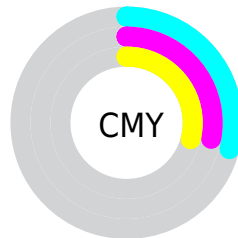
- Red (71%)
- Green (72%)
- Blue (71%)



- Red (71%)
- Yellow (72%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6701, 47.5214, 49.9982 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 44.6701, 47.5214, 49.9982 by changing the saturation by 10% instead.

■ 44.6701, 47.5214,
49.9982

■ 44.6701, 47.5214,
49.9982

356.2420,
376.8919, 403.3938

■ 31.3978, 33.4480,
35.0408

■ 81.4653, 86.4914,
91.5685

■ 21.0553, 22.4699,
23.4105

105.7189,
112.1568, 119.0185

■ 13.2771, 14.2026,
14.6888

134.3636,
142.4550, 151.4697

■ 7.6980, 8.2617,
8.4571

167.7648,
177.7704, 189.3407

■ 3.9525, 4.2629,
4.2968

206.2880,
218.4874, 233.0501

■ 1.6753, 1.8217,
1.7896

250.2983,

■ 0.4407, 0.5006,

264.9904, 283.0164

0.4211

300.1612,
317.6638, 339.6581

■ 0.0000, 0.0000,
0.0000

■ 44.6701, 47.5214,
49.9982

■ 44.6701, 47.5214,
49.9982

■ 40.8151, 45.7378,
40.6738

■ 48.9198, 49.4824,
60.6421

■ 37.3383, 44.1202,
32.6144

■ 53.5719, 51.6196,
72.6509

■ 34.2278, 42.6651,
25.7663

■ 58.6392, 53.9401,
86.0718

■ 31.4696, 41.3664,
20.0707

■ 64.1324, 56.4484,
100.9486

■ 29.0486, 40.2178,
15.4641

■ 67.2018, 58.0048,
102.2619

■ 26.9486, 39.2124,
11.8765

■ 70.2028, 59.5519,
102.4023

■ 25.1515, 38.3427,
9.2302

■ 73.3618, 61.1804,
102.5502

■ 23.6370, 37.6001,
7.4358

■ 76.4315, 62.7629,
102.6938

■ 22.3816, 36.9748,
6.3870

Harmonies

Analogous

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



45.0433, 47.5214, 49.5318



44.6701, 47.5214, 49.9982



44.4312, 47.5214, 50.9340

Triad

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



44.6701, 47.5214, 49.9982



44.8844, 47.5214, 53.8927



45.9555, 47.5214, 51.3872

Complementary

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



44.6701, 47.5214, 49.9982



44.2663, 46.0496, 51.9053

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.



45.9123, 47.5214, 52.5600



44.6701, 47.5214, 49.9982



45.2922, 47.5214, 54.0185

Square

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



44.6701, 47.5214, 49.9982



44.5543, 47.5214, 53.1862



45.6689, 47.5214, 53.5274



45.7866, 47.5214, 50.3256

Rectangle

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



44.6701, 47.5214, 49.9982



44.3793, 47.5214, 51.7042



45.6689, 47.5214, 53.5274



45.9653, 47.5214, 51.7813

Sweetspot

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



44.6714, 47.5234, 49.9992



81.8303, 86.5397, 92.7440



44.7352, 46.9434, 49.8839



17.6494, 18.6601, 20.0148



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.



44.6714, 47.5234, 49.9992



80.3353, 85.8490, 89.0599



44.2025, 47.2817, 49.9773



9.7894, 10.4982, 10.7707



14.9301, 25.2331, 4.0836



0.5977, 0.9263, 0.1473

Inverse Universe

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



44.2663, 46.0496, 51.9053



79.3117, 82.1250, 93.8762



44.7420, 46.2949, 51.9276



9.6364, 9.9416, 11.4905



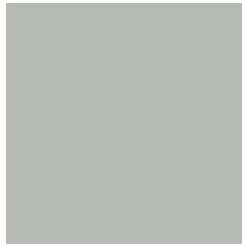
9.0926, 3.9986, 31.5456



0.3919, 0.1778, 1.1154

Previews

White Background



This preview shows how the XYZ color 44.6701, 47.5214, 49.9982 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 44.6701, 47.5214, 49.9982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

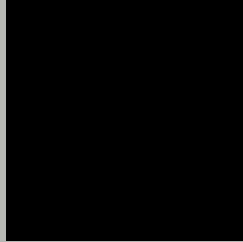
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

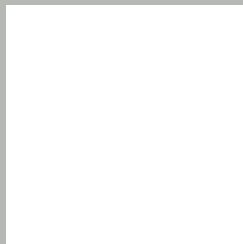
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6701, 47.5214, 49.9982

Background



This preview shows how black text looks on a background with the XYZ color 44.6701, 47.5214, 49.9982.



This preview shows how white text looks on a background with the XYZ color 44.6701, 47.5214,

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

44.6701, 47.5214, 49.9982

Protanopia

45.3581, 47.2754, 49.3823

Deuteranopia

48.1500, 47.1980, 50.2884



Tritanopia

46.4589, 47.6318, 58.9698

Trichromacy



Original Color

44.6701, 47.5214, 49.9982

Protanomaly

45.0778, 47.4359, 49.4280

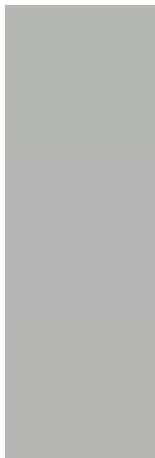
Deuteranomaly

46.9099, 47.4480, 50.4020

Tritanomaly

45.7562, 47.6520, 55.5013

Monochromacy



Original Color

44.6701, 47.5214, 49.9982

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.9054, 47.3117, 51.0213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6701, 47.5214, 49.9982 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(182, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 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(182, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.6701, 47.5214, 49.9982 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(182, 184, 180) }
```


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

```
.border{ border-color:rgb(182, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6701, 47.5214, 49.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 180) }
```

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

```
.background{ background-color: rgb(182,  
184, 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](#).

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