

Converting Colors

XYZ(44.3224, 46.9810, 50.4901)

Have a look what the booklet for
XYZ(44.3224, 46.9810, 50.4901)
contains.

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Color

**XYZ(44.3300, 47.0269,
50.4567)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7B5
RGB	181, 183, 181
RGB Percent	71%, 72%, 71%
CMY	0.2902, 0.2823, 0.2902
CMYK	0.01, 0.00, 0.01, 0.28
HSL	120°, 1%, 71%
HSV	120°, 1%, 72%
XYZ	44.3300, 47.0269, 50.4567
YIQ	182.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

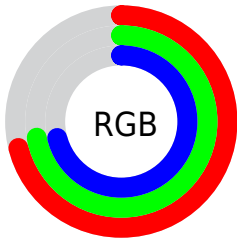
Format	Color
RYB	181, 183, 183
Decimal	11909045
CIELab	74.21, -1.07, 0.76
CIElCh	74, 1.312, 144.567
Yxy	47.0269, 0.3126, 0.3316
Android (android.graphics.Color)	4290099125 (0xFFB5B7B5)
YUV	182.1740, -0.5788, -1.0296
Hunter-Lab	68.5762, -4.6197, 4.3791

Details

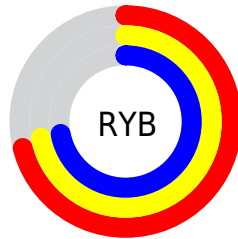
The XYZ color **44.3300, 47.0269, 50.4567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6013, 46.5351, 51.4335**, and the grayscale version is **44.5626, 46.8833, 51.0559**.

A 20% lighter version of the original color is **81.0776, 85.8520, 92.4186**, and **20.7810, 22.1130, 23.5950** is the 20% darker color. If you saturate the color by 10%, you get **38.5616, 44.2574, 41.0208**, and if you desaturate by 10%, it is **50.9114, 50.1897, 61.2201**.

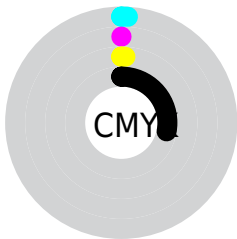
Distribution



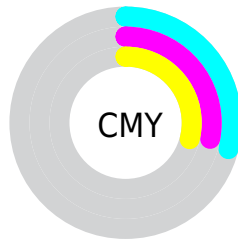
- Red (71%)
- Green (72%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3300, 47.0269, 50.4567 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 44.3300, 47.0269, 50.4567 by changing the saturation by 10% instead.

■ 44.3300, 47.0269,
50.4567

■ 44.3300, 47.0269,
50.4567

354.8827,
374.9219, 405.2354

■ 31.1290, 33.0569,
35.4027

■ 80.9574, 85.7538,
92.2544

■ 20.8494, 22.1701,
23.6872

105.1145,
111.2795, 119.8352

■ 13.1258, 13.9819,
14.8917

133.6544,
141.4258, 152.4287

■ 7.5928, 8.1081,
8.5976

166.9424,
176.5773, 190.4535

■ 3.8851, 4.1642,
4.3865

205.3439,
217.1182, 234.3279

■ 1.6374, 1.7658,
1.8397

249.2242,

■ 0.4166, 0.4657,

263.4331, 284.4707

0.4539

298.9487,
315.9061, 341.3003

■ 0.0000, 0.0000,
0.0000

■ 44.3300, 47.0269,
50.4567

■ 44.3300, 47.0269,
50.4567

■ 38.5616, 44.2574,
41.0208

■ 50.9114, 50.1897,
61.2201

■ 33.5710, 41.8601,
32.8579

■ 58.3314, 53.7539,
73.3562

■ 29.3259, 39.8210,
25.9145

■ 66.6196, 57.7352,
86.9122

■ 25.7908, 38.1229,
20.1322

■ 75.8027, 62.1463,
101.9319

■ 22.9268, 36.7472,
15.4476

■ 76.2244, 62.3488,
102.6248

■ 20.6915, 35.6735,
11.7913

■ 19.0377, 34.8791,
9.0860

■ 17.9116, 34.3381,
7.2437

■ 17.2490, 34.0199,
6.1598

Harmonies

Analogous

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



44.5098, 47.0269, 50.0348



44.3300, 47.0269, 50.4567



44.2487, 47.0269, 51.0817

Triad

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



44.3300, 47.0269, 50.4567



44.6548, 47.0269, 52.5052



45.1104, 47.0269, 50.6674

Complementary

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



44.3300, 47.0269, 50.4567



44.6013, 46.5351, 51.4335

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.



45.1496, 47.0269, 51.3271



44.3300, 47.0269, 50.4567



44.8860, 47.0269, 52.3919

Square

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



44.3300, 47.0269, 50.4567



44.4358, 47.0269, 52.2674



45.0673, 47.0269, 51.9592



44.9605, 47.0269, 50.1557

Rectangle

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



44.3300, 47.0269, 50.4567



44.2612, 47.0269, 51.5309



45.0673, 47.0269, 51.9592



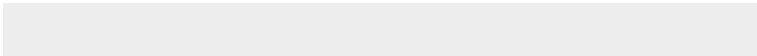
45.1370, 47.0269, 50.8791

Sweetspot

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



44.3313, 47.0289, 50.4577



80.6108, 84.8088, 92.3568



44.8045, 47.2728, 50.4798



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



44.3313, 47.0289, 50.4577



79.4789, 84.2651, 90.5055



44.4345, 47.0702, 51.0010



9.9958, 10.5911, 11.3883



11.8132, 23.6262, 3.9380



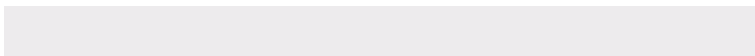
0.4165, 0.8329, 0.1389

Inverse Universe

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



44.6013, 46.5351, 51.4335



79.9281, 83.4434, 92.1291



44.4974, 46.4935, 50.8863



10.0477, 10.4962, 11.5758



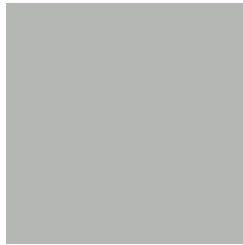
19.5851, 9.4078, 32.0314



0.6904, 0.3317, 1.1292

Previews

White Background



This preview shows how the XYZ color 44.3300, 47.0269, 50.4567 looks on a white background.

Color Contrast Check

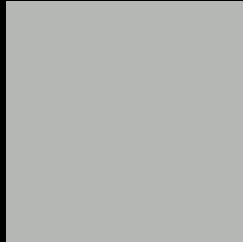
Large Text (above 18pt) WCAG AA × Fail

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 44.3300, 47.0269, 50.4567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

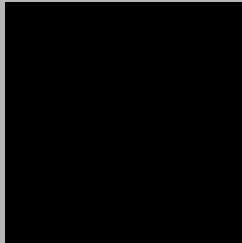
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

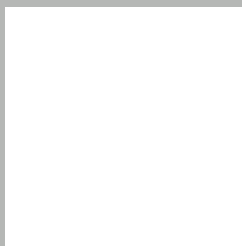
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3300, 47.0269, 50.4567

Background



This preview shows how black text looks on a background with the XYZ color 44.3300, 47.0269, 50.4567.



This preview shows how white text looks on a background with the XYZ color 44.3300, 47.0269,

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

44.3300, 47.0269, 50.4567

Protanopia

45.2159, 47.1903, 49.9055

Deuteranopia

47.9851, 47.1010, 50.8183



Tritanopia

45.9026, 47.0552, 58.2930

Trichromacy



Original Color

44.3300, 47.0269, 50.4567

Protanomaly

44.7333, 46.9415, 49.8829

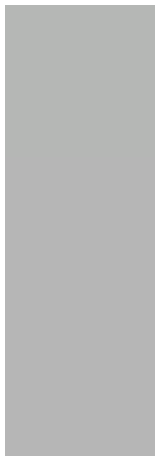
Deuteranomaly

46.5559, 46.9551, 50.8654

Tritanomaly

45.3136, 47.1187, 55.4217

Monochromacy



Original Color

44.3300, 47.0269, 50.4567

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.4628, 46.7784, 50.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3300, 47.0269, 50.4567 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(181, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 181)  
}
```

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(181, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 181) }
```

Border

The CSS property to change the border of an element to XYZ 44.3300, 47.0269, 50.4567 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(181, 183, 181) }
```

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

```
.border{ border-color:rgb(181, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
181) }
```


Background

The CSS property to change the background color of an element to XYZ 44.3300, 47.0269, 50.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 181) }
```

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

```
.background{ background-color: rgb(181,  
183, 181) }
```

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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