

Converting Colors

XYZ(47.2616, 53.6875, 46.5492)

Have a look what the booklet for
XYZ(47.2616, 53.6875, 46.5492)
contains.

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Color

**XYZ(47.3025, 53.8544,
46.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C7AB
RGB	183, 199, 171
RGB Percent	72%, 78%, 67%
CMY	0.2824, 0.2196, 0.3294
CMYK	0.08, 0.00, 0.14, 0.22
HSL	94°, 20%, 73%
HSV	94°, 14%, 78%
XYZ	47.3025, 53.8544, 46.4299
YIQ	191.0240, -0.5480, -12.1000

Conversions

Conversions Part 2

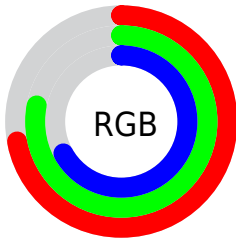
Format	Color
RYB	171, 199, 187
Decimal	12044203
CIELab	78.38, -10.56, 12.18
CIElCh	78, 16.123, 130.927
Yxy	53.8544, 0.3205, 0.3649
Android (android.graphics.Color)	4290234283 (0xFFB7C7AB)
YUV	191.0240, -9.8718, -7.0370
Hunter-Lab	73.3856, -13.3681, 13.8580

Details

The XYZ color **47.3025, 53.8544, 46.4299** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.3675, 43.8157, 60.1019**, and the grayscale version is **49.5921, 52.1747, 56.8183**.

A 20% lighter version of the original color is **85.0841, 95.3617, 85.8737**, and **22.6611, 26.3285, 21.3403** is the 20% darker color. If you saturate the color by 10%, you get **42.9502, 51.8152, 37.0588**, and if you desaturate by 10%, it is **52.1620, 56.1252, 57.3177**.

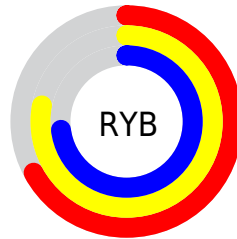
Distribution



Red (72%)

Green (78%)

Blue (67%)



Red (67%)

Yellow (78%)

Blue (73%)

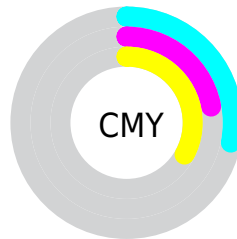


Cyan (8%)

Magenta (0%)

Yellow (14%)

Black (22%)



Cyan (28%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3025, 53.8544, 46.4299 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 47.3025, 53.8544, 46.4299 by changing the saturation by 10% instead.


 47.3025, 53.8544,
46.4299

 47.3025, 53.8544,
46.4299


366.6495,
401.5546, 388.8620

 33.4838, 38.4853,
32.2341


 85.3810, 95.8604,
86.2031

 22.6583, 26.3595,
21.2741

110.3715,
123.2661, 112.6175

 14.4607, 17.0928,
13.1313


139.8166,
155.4528, 143.9419

 8.5256, 10.3007,
7.3872

174.0818,
192.8048, 180.5948

 4.4877, 5.5988,
3.6233

213.5323,
235.7066, 222.9947

 1.9816, 2.6027,
1.4211

258.5335,

 0.6236, 0.9280,

284.5426, 271.5601

0.1581

309.4508,
339.6971, 326.7097

■ 0.0000, 0.0000,
0.0000

■ 47.3025, 53.8544,
46.4299

■ 47.3025, 53.8544,
46.4299

■ 42.9502, 51.8152,
37.0588

■ 52.1620, 56.1252,
57.3177

■ 39.0829, 49.9930,
29.1338

■ 57.5411, 58.6279,
69.7819

■ 35.6830, 48.3817,
22.5836

■ 63.4575, 61.3720,
83.8830

■ 32.7301, 46.9726,
17.3297

■ 69.9265, 64.3640,
99.6774

■ 30.2019, 45.7562,
13.2856

■ 74.3646, 66.5711,
103.5378

■ 28.0742, 44.7220,
10.3542

■ 78.3449, 68.6229,
103.7241

■ 26.3192, 43.8582,
8.4234

■ 79.7145, 69.3290,
103.7882

■ 24.9047, 43.1511,
7.3578

■ 24.1956, 42.7931,
6.9847

Harmonies

Analogous

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



50.0419, 53.8544, 43.1347



47.3025, 53.8544, 46.4299



45.6476, 53.8544, 53.1248

Triad

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



47.3025, 53.8544, 46.4299



49.2238, 53.8544, 76.7030



57.3985, 53.8544, 55.3958

Complementary

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



47.3025, 53.8544, 46.4299



45.3675, 43.8157, 60.1019

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.



57.1573, 53.8544, 64.5206



47.3025, 53.8544, 46.4299



52.3494, 53.8544, 77.4721

Square

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



47.3025, 53.8544, 46.4299



46.7248, 53.8544, 70.8143



55.2785, 53.8544, 72.8186



55.9246, 53.8544, 47.9446

Rectangle

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



47.3025, 53.8544, 46.4299



45.3395, 53.8544, 58.9207



55.2785, 53.8544, 72.8186



57.5169, 53.8544, 58.3568

Sweetspot

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



47.3040, 53.8567, 46.4311



91.3387, 98.2715, 100.3804



48.6480, 50.5686, 45.7256



19.4044, 20.9662, 21.1535



0.0000, 0.0000, 0.0000



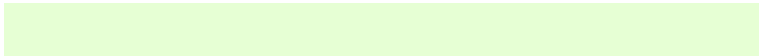
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3040, 53.8567, 46.4311



80.3050, 93.1161, 75.7968



44.7495, 52.5192, 47.2471



10.9212, 12.1063, 11.3239



15.6535, 27.5649, 4.4955



0.8237, 1.3477, 0.2167

Inverse Universe

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



45.3675, 43.8157, 60.1019



76.2394, 72.0378, 104.4942



48.2115, 45.3067, 59.1102



10.6272, 10.5816, 13.3998



11.1704, 4.9928, 35.1193



0.6106, 0.2785, 1.6667

Previews

White Background



This preview shows how the XYZ color 47.3025, 53.8544, 46.4299 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 47.3025, 53.8544, 46.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

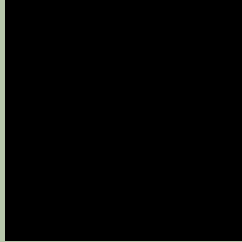
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3025, 53.8544, 46.4299

Background



This preview shows how black text looks on a background with the XYZ color 47.3025, 53.8544, 46.4299.



This preview shows how white text looks on a background with the XYZ color 47.3025, 53.8544,

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

47.3025, 53.8544, 46.4299

Protanopia

50.7664, 53.6636, 44.7282

Deuteranopia

54.9255, 53.8123, 47.5363



Tritanopia

51.7867, 54.0058, 68.0163

Trichromacy



Original Color

47.3025, 53.8544, 46.4299

Protanomaly

49.4415, 53.6305, 45.2820

Deuteranomaly

51.9058, 53.5441, 47.1345

Tritanomaly

50.0838, 53.9848, 59.4102

Monochromacy



Original Color

47.3025, 53.8544, 46.4299

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.6826, 52.7356, 52.9605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3025, 53.8544, 46.4299 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(183, 199, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 171)  
}
```

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(183, 199, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.3025, 53.8544, 46.4299 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(183, 199, 171) }
```


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

```
.border{ border-color:rgb(183, 199, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3025, 53.8544, 46.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 171) }
```

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

```
.background{ background-color: rgb(183,  
199, 171) }
```

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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