

Converting Colors

XYZ(46.3322, 45.5844, 54.6080)

Have a look what the booklet for
XYZ(46.3322, 45.5844, 54.6080)
contains.

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Color

**XYZ(46.2535, 45.5405,
54.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AFBD
RGB	192, 175, 189
RGB Percent	75%, 69%, 74%
CMY	0.2471, 0.3137, 0.2588
CMYK	0.00, 0.09, 0.02, 0.25
HSL	311°, 12%, 72%
HSV	311°, 9%, 75%
XYZ	46.2535, 45.5405, 54.4965
YIQ	181.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

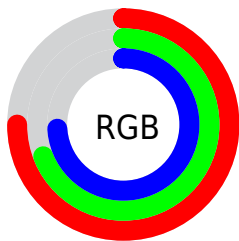
Format	Color
R_{YB}	192, 175, 189
Decimal	12627901
CIE Lab	73.25, 8.60, -4.92
CIE LCh	73, 9.909, 330.226
Yxy	45.5405, 0.3162, 0.3113
Android (android.graphics.Color)	4290817981 (0xFFC0AFBD)
YUV	181.6790, 3.6093, 9.0515
Hunter-Lab	67.4837, 4.2479, -0.6411

Details

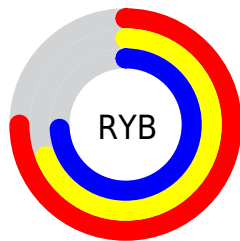
The XYZ color **46.2535, 45.5405, 54.4965** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5664, 50.0288, 49.4295**, and the grayscale version is **44.2688, 46.5742, 50.7194**.

A 20% lighter version of the original color is **83.7687, 83.7009, 98.1270**, and **22.0081, 21.3468, 26.2529** is the 20% darker color. If you saturate the color by 10%, you get **42.4159, 38.4466, 51.4239**, and if you desaturate by 10%, it is **50.6336, 53.7044, 57.7934**.

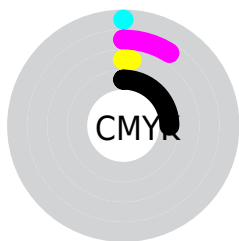
Distribution



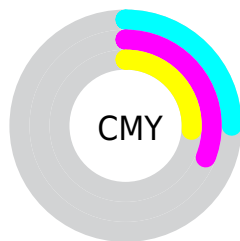
- Red (75%)
- Green (69%)
- Blue (74%)



- Red (75%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2535, 45.5405, 54.4965 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 46.2535, 45.5405, 54.4965 by changing the saturation by 10% instead.

■ 46.2535, 45.5405,
54.4965

■ 46.2535, 45.5405,
54.4965

362.5257,
368.9582, 421.2285

■ 32.6514, 31.8834,
38.6029

■ 83.8238, 83.5309,
98.2666

■ 22.0175, 21.2724,
26.1455

108.5227,
108.6330, 126.9801

■ 13.9864, 13.3233,
16.7058

137.6512,
138.3188, 160.8041

■ 8.1929, 7.6515,
9.8652

171.5747,
172.9728, 200.1570

■ 4.2714, 3.8728,
5.2052

210.6586,
212.9793, 245.4573

■ 1.8568, 1.6027,
2.3073

255.2681,

■ 0.5515, 0.3594,

258.7228, 297.1236

0.7353

305.7687,
310.5876, 355.5745

■ 0.0000, 0.0000,
0.0000

■ 46.2535, 45.5405,
54.4965

■ 46.2535, 45.5405,
54.4965

■ 42.4159, 38.4466,
51.4239

■ 50.6336, 53.7044,
57.7934

■ 39.0946, 32.3723,
48.5650

■ 55.5734, 62.9744,
61.3191

■ 36.2670, 27.2715,
45.9125

■ 61.0940, 73.3923,
65.0813

■ 33.9070, 23.0929,
43.4575

■ 67.2145, 84.9957,
69.0867

■ 31.9866, 19.7799,
41.1902

■ 68.6326, 87.1802,
71.5682

■ 30.4744, 17.2699,
39.0999

■ 69.0487, 87.3467,
73.7595

■ 29.3348, 15.4920,
37.1746

■ 69.4737, 87.5167,
75.9979

■ 28.5260, 14.3626,
35.3998

■ 69.9078, 87.6903,
78.2836

■ 27.9772, 13.7404,
33.7518

■ 70.3509, 87.8676,
80.6169

Harmonies

Analogous

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



44.9906, 45.5405, 58.3318



46.2535, 45.5405, 54.4965



46.7165, 45.5405, 49.5482

Triad

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



46.2535, 45.5405, 54.4965



43.2717, 45.5405, 40.6103



40.4587, 45.5405, 54.5661

Complementary

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



46.2535, 45.5405, 54.4965



44.5664, 50.0288, 49.4295

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.



40.0255, 45.5405, 49.6236



46.2535, 45.5405, 54.4965



41.6228, 45.5405, 41.7609

Square

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



46.2535, 45.5405, 54.4965



44.9672, 45.5405, 41.7273



40.4461, 45.5405, 44.9795



41.6451, 45.5405, 58.3739

Rectangle

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



46.2535, 45.5405, 54.4965



46.4999, 45.5405, 46.3473



40.4461, 45.5405, 44.9795



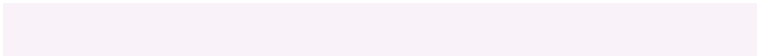
40.2216, 45.5405, 52.9718

Sweetspot

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



46.2548, 45.5425, 54.4975



88.2936, 90.8631, 102.1615



43.1682, 43.9132, 56.0708



18.8032, 19.2346, 21.8129



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



46.2548, 45.5425, 54.4975



82.1079, 79.3622, 97.4155



45.3760, 45.1910, 49.8699



10.4185, 10.2160, 12.2945



18.8125, 9.2148, 22.7226



0.8333, 0.4063, 1.0896

Inverse Universe

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



46.2548, 45.5425, 54.4975



82.1079, 79.3622, 97.4155



45.4288, 50.3738, 53.9704



10.4185, 10.2160, 12.2945



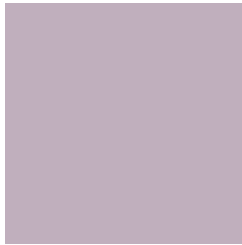
18.8125, 9.2148, 22.7226



0.8333, 0.4063, 1.0896

Previews

White Background



This preview shows how the XYZ color 46.2535, 45.5405, 54.4965 looks on a white background.

Color Contrast Check

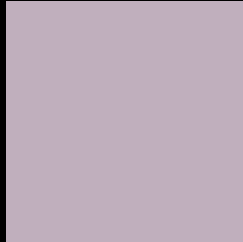
Large Text (above 18pt) WCAG AA × Fail

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 46.2535, 45.5405, 54.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

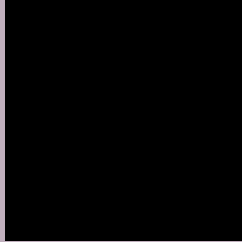
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2535, 45.5405, 54.4965

Background



This preview shows how black text looks on a background with the XYZ color 46.2535, 45.5405, 54.4965.



This preview shows how white text looks on a background with the XYZ color 46.2535, 45.5405,

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

46.2535, 45.5405, 54.4965

Protanopia

44.3465, 45.7051, 55.7749

Deuteranopia

46.5076, 45.6715, 54.5084



Tritanopia

46.2535, 45.5405, 54.4965

Trichromacy



Original Color

46.2535, 45.5405, 54.4965

Protanomaly

44.9818, 45.7488, 55.1748

Deuteranomaly

46.5076, 45.6715, 54.5084

Tritanomaly

46.2535, 45.5405, 54.4965

Monochromacy



Original Color

46.2535, 45.5405, 54.4965

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.1268, 46.1821, 52.4345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2535, 45.5405, 54.4965 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(192, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 189)  
}
```

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(192, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.2535, 45.5405, 54.4965 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(192, 175, 189) }
```


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

```
.border{ border-color:rgb(192, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2535, 45.5405, 54.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 189) }
```

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

```
.background{ background-color: rgb(192,  
175, 189) }
```

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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