

Converting Colors

XYZ(46.4980, 45.4375, 57.0346)

Have a look what the booklet for
XYZ(46.4980, 45.4375, 57.0346)
contains.

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Color

**XYZ(46.2475, 45.1987,
56.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	BFAEC1
RGB	191, 174, 193
RGB Percent	75%, 68%, 76%
CMY	0.2510, 0.3176, 0.2431
CMYK	0.01, 0.10, 0.00, 0.24
HSL	294°, 13%, 72%
HSV	294°, 10%, 76%
XYZ	46.2475, 45.1987, 56.7388
YIQ	181.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

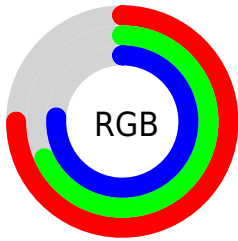
Format	Color
R_{YB}	191, 174, 193
Decimal	12562113
CIE _{Lab}	73.02, 9.55, -7.46
CIE _{LCh}	73, 12.114, 322.018
Yxy	45.1987, 0.3121, 0.3050
Android (android.graphics.Color)	4290752193 (0xFFBFAEC1)
YUV	181.2490, 5.7932, 8.5516
Hunter-Lab	67.2300, 5.1377, -2.9769

Details

The XYZ color **46.2475, 45.1987, 56.7388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6162, 50.4272, 47.4286**, and the grayscale version is **44.0249, 46.3176, 50.4398**.

A 20% lighter version of the original color is **83.4760, 82.6523, 101.1764**, and **22.1744, 21.2158, 27.7373** is the 20% darker color. If you saturate the color by 10%, you get **42.2766, 38.0096, 55.5611**, and if you desaturate by 10%, it is **50.7639, 53.4669, 58.0974**.

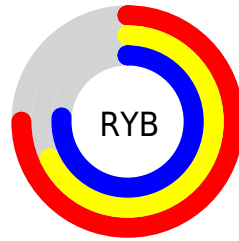
Distribution



Red (75%)

Green (68%)

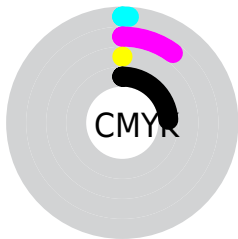
Blue (76%)



Red (75%)

Yellow (68%)

Blue (76%)

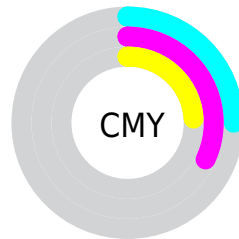


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2475, 45.1987, 56.7388 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 46.2475, 45.1987, 56.7388 by changing the saturation by 10% instead.

■ 46.2475, 45.1987,
56.7388

■ 46.2475, 45.1987,
56.7388

362.5021,
367.5777, 429.9361

■ 32.6466, 31.6140,
40.3876

■ 83.8149, 83.0185,
101.5805

■ 22.0138, 21.0668,
27.5248

108.5121,
108.0224, 130.9081

■ 13.9837, 13.1728,
17.7318

137.6388,
137.6014, 165.3983

■ 8.1910, 7.5477,
10.5902

171.5603,
172.1399, 205.4695

■ 4.2702, 3.8069,
5.6813

210.6421,
212.0225, 251.5404

■ 1.8561, 1.5661,
2.5866

255.2494,

■ 0.5511, 0.3346,

257.6333, 304.0294

0.8855

305.7476,
309.3570, 363.3551

■ 0.0000, 0.0000,
0.0000

■ 46.2475, 45.1987,
56.7388

■ 46.2475, 45.1987,
56.7388

■ 42.2766, 38.0096,
55.5611

■ 50.7639, 53.4669,
58.0974

■ 38.8244, 31.8481,
54.5538

■ 55.8432, 62.8510,
59.6410

■ 35.8679, 26.6676,
53.7097

■ 61.5070, 73.3934,
61.3773

■ 33.3807, 22.4152,
53.0200

■ 67.7745, 85.1326,
63.3129

■ 31.3339, 19.0334,
52.4751

■ 69.5165, 87.8102,
63.7379

■ 29.6954, 16.4580,
52.0643

■ 70.0670, 88.0939,
63.7637

■ 28.4289, 14.6160,
51.7756

■ 70.6247, 88.3815,
63.7898

■ 27.4910, 13.4212,
51.5944

■ 71.1898, 88.6728,
63.8162

■ 26.7993, 12.7085,
51.4933

■ 71.7621, 88.9678,
63.8430

Harmonies

Analogous

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



44.5035, 45.1987, 60.8261



46.2475, 45.1987, 56.7388



47.1166, 45.1987, 50.8496

Triad

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



46.2475, 45.1987, 56.7388



43.5275, 45.1987, 38.5524



39.2973, 45.1987, 53.7128

Complementary

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



46.2475, 45.1987, 56.7388



44.6162, 50.4272, 47.4286

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.



39.0553, 45.1987, 47.6133



46.2475, 45.1987, 56.7388



41.4526, 45.1987, 39.1821

Square

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



46.2475, 45.1987, 56.7388



45.5129, 45.1987, 40.5885



39.8321, 45.1987, 42.3852



40.5044, 45.1987, 58.9816

Rectangle

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



46.2475, 45.1987, 56.7388



47.0637, 45.1987, 46.8270



39.8321, 45.1987, 42.3852



39.1020, 45.1987, 51.6801

Sweetspot

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



46.2488, 45.2006, 56.7398



88.2182, 90.8004, 103.2369



42.6510, 43.9868, 56.6951



18.7827, 19.2175, 22.1047



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.



46.2488, 45.2006, 56.7398



81.0769, 77.7635, 101.0969



45.9626, 45.1447, 52.5893



10.3895, 10.1919, 12.7045



17.8578, 8.4664, 34.2496



0.8022, 0.3816, 1.4813

Inverse Universe

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



44.9665, 44.7462, 47.3435



78.2872, 76.7772, 80.5543



44.8967, 50.4876, 51.2491



10.1153, 10.0947, 10.6979



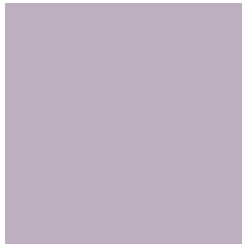
14.7280, 7.5810, 1.2138



0.6511, 0.3335, 0.1303

Previews

White Background



This preview shows how the XYZ color 46.2475, 45.1987, 56.7388 looks on a white background.

Color Contrast Check

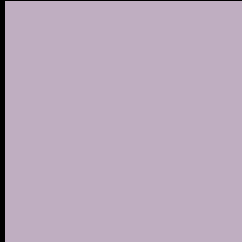
Large Text (above 18pt) WCAG AA × Fail

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 46.2475, 45.1987, 56.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

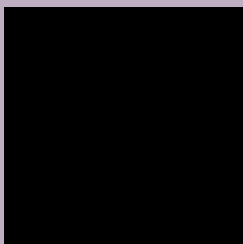
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

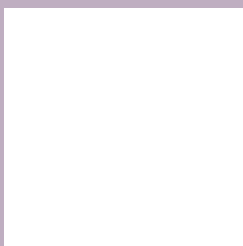
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2475, 45.1987, 56.7388

Background



This preview shows how black text looks on a background with the XYZ color 46.2475, 45.1987, 56.7388.



This preview shows how white text looks on a background with the XYZ color 46.2475, 45.1987,

56.7388.

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

46.2475, 45.1987, 56.7388

Protanopia

44.2443, 45.2913, 58.6347

Deuteranopia

45.9969, 45.0695, 56.7271



Tritanopia

45.6423, 45.2379, 53.9031

Trichromacy



Original Color

46.2475, 45.1987, 56.7388

Protanomaly

45.1009, 45.4517, 58.0257

Deuteranomaly

45.9969, 45.0695, 56.7271

Tritanomaly

45.8594, 45.3248, 55.0467

Monochromacy



Original Color

46.2475, 45.1987, 56.7388

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.6849, 45.6579, 52.3566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2475, 45.1987, 56.7388 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(191, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(191, 174, 193)  
}
```

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(191, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 174, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.2475, 45.1987, 56.7388 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(191, 174, 193) }
```


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

```
.border{ border-color:rgb(191, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(191, 174,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2475, 45.1987, 56.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 174, 193) }
```

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

```
.background{ background-color: rgb(191,  
174, 193) }
```

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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