

Converting Colors

XYZ(48.0310, 48.9437, 56.5295)

Have a look what the booklet for
XYZ(48.0310, 48.9437, 56.5295)
contains.

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Color

**XYZ(47.9338, 48.7491,
56.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB7C0
RGB	191, 183, 192
RGB Percent	75%, 72%, 75%
CMY	0.2510, 0.2823, 0.2471
CMYK	0.01, 0.05, 0.00, 0.25
HSL	293°, 7%, 74%
HSV	293°, 5%, 75%
XYZ	47.9338, 48.7491, 56.7523
YIQ	186.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

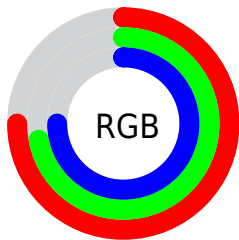
Format	Color
RYB	191, 183, 192
Decimal	12564416
CIELab	75.29, 4.48, -3.55
CIElCh	75, 5.713, 321.584
Yxy	48.7491, 0.3124, 0.3177
Android (android.graphics.Color)	4290754496 (0xFFBFB7C0)
YUV	186.4180, 2.7519, 4.0184
Hunter-Lab	69.8206, 0.3594, 0.6816

Details

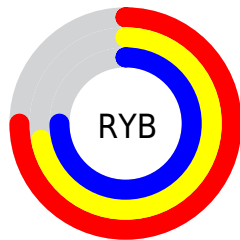
The XYZ color **47.9338, 48.7491, 56.7523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1658, 51.3098, 52.2201**, and the grayscale version is **46.8920, 49.3341, 53.7248**.

A 20% lighter version of the original color is **86.1676, 88.2845, 101.3060**, and **23.1241, 23.2326, 27.6917** is the 20% darker color. If you saturate the color by 10%, you get **43.7085, 41.0887, 55.4971**, and if you desaturate by 10%, it is **52.7099, 57.4982, 58.1900**.

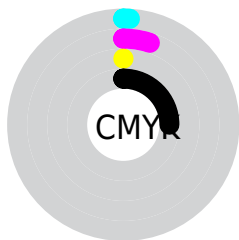
Distribution



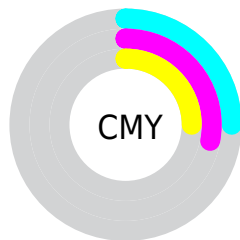
- Red (75%)
- Green (72%)
- Blue (75%)



- Red (75%)
- Yellow (72%)
- Blue (75%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9338, 48.7491, 56.7523 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 47.9338, 48.7491, 56.7523 by changing the saturation by 10% instead.

■ 47.9338, 48.7491,
56.7523

■ 47.9338, 48.7491,
56.7523

369.1166,
381.7537, 429.9882

■ 33.9855, 34.4205,
40.3984

■ 86.3161, 88.3187,
101.6004

■ 23.0453, 23.2168,
27.5331

111.4809,
114.3285, 130.9317

■ 14.7478, 14.7537,
17.7381

141.1151,
145.0008, 165.4258

■ 8.7278, 8.6467,
10.5946

175.5842,
180.7200, 205.5013

■ 4.6197, 4.5115,
5.6842

215.2536,
221.8705, 251.5768

■ 2.0584, 1.9636,
2.5884

260.4885,

■ 0.6664, 0.5862,

268.8367, 304.0707

0.8864

311.6544,
322.0030, 363.4017

■ 0.0000, 0.0000,
0.0000

■ 47.9338, 48.7491,
56.7523

■ 47.9338, 48.7491,
56.7523

■ 43.7085, 41.0887,
55.4971

■ 52.7099, 57.4982,
58.1900

■ 40.0081, 34.4672,
54.4141

■ 58.0532, 67.3706,
59.8140

■ 36.8108, 28.8403,
53.4965

■ 63.9845, 78.4074,
61.6317

■ 34.0915, 24.1580,
52.7360

■ 68.9702, 87.5414,
63.1320

■ 31.8232, 20.3662,
52.1237

■ 69.5424, 87.8363,
63.1587

■ 29.9758, 17.4050,
51.6495

■ 70.1225, 88.1354,
63.1859

■ 28.5158, 15.2073,
51.3022

■ 70.7106, 88.4386,
63.2134

■ 27.4044, 13.6954,
51.0690

■ 71.3068, 88.7459,
63.2413

■ 26.5945, 12.7752,
50.9341

■ 71.9110, 89.0574,
63.2696

Harmonies

Analogous

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



47.0809, 48.7491, 58.6372



47.9338, 48.7491, 56.7523



48.3597, 48.7491, 53.9299

Triad

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



47.9338, 48.7491, 56.7523



46.6305, 48.7491, 47.5650



44.4832, 48.7491, 55.2341

Complementary

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



47.9338, 48.7491, 56.7523



47.1658, 51.3098, 52.2201

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.



44.3668, 48.7491, 52.2381



47.9338, 48.7491, 56.7523



45.5961, 48.7491, 47.8845

Square

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



47.9338, 48.7491, 56.7523



47.5999, 48.7491, 48.6786



44.7713, 48.7491, 49.5686



45.0919, 48.7491, 57.7379

Rectangle

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



47.9338, 48.7491, 56.7523



48.3398, 48.7491, 51.9274



44.7713, 48.7491, 49.5686



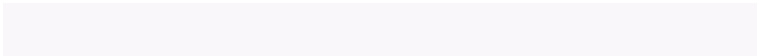
44.3856, 48.7491, 54.2485

Sweetspot

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



47.9352, 48.7512, 56.7534



89.9123, 93.9172, 103.7492



46.1958, 48.1771, 56.7342



19.2986, 20.1655, 22.2605



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.



47.9352, 48.7512, 56.7534



85.7154, 86.2579, 102.4920



47.8097, 48.7302, 54.7758



10.6583, 10.6880, 12.7861



17.6949, 8.3825, 34.2420



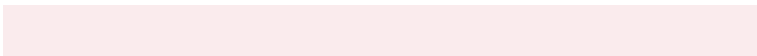
0.7966, 0.3787, 1.4810

Inverse Universe

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



47.3251, 48.5363, 52.2239



84.2936, 85.7578, 91.9036



47.2906, 51.3321, 54.1230



10.4679, 10.6211, 11.3667



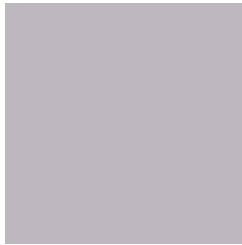
14.7355, 7.5839, 1.2532



0.6522, 0.3339, 0.1359

Previews

White Background



This preview shows how the XYZ color 47.9338, 48.7491, 56.7523 looks on a white background.

Color Contrast Check

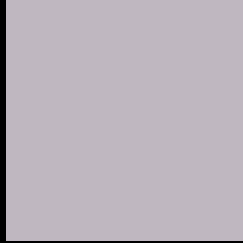
Large Text (above 18pt) WCAG AA × Fail

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 47.9338, 48.7491, 56.7523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

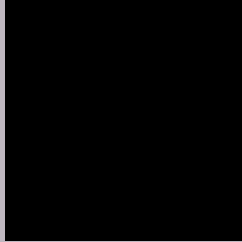
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9338, 48.7491, 56.7523

Background



This preview shows how black text looks on a background with the XYZ color 47.9338, 48.7491, 56.7523.



This preview shows how white text looks on a background with the XYZ color 47.9338, 48.7491,

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

47.9338, 48.7491, 56.7523

Protanopia

47.2596, 48.6960, 57.3605

Deuteranopia

49.7663, 48.7721, 57.2431



Tritanopia

48.5442, 48.6936, 59.6636

Trichromacy



Original Color

47.9338, 48.7491, 56.7523

Protanomaly

47.5052, 48.8226, 57.3720

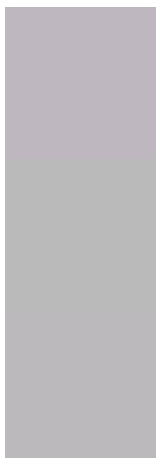
Deuteranomaly

49.1755, 48.7683, 57.2735

Tritanomaly

48.3165, 48.6025, 58.4644

Monochromacy



Original Color

47.9338, 48.7491, 56.7523

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1651, 49.0201, 54.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9338, 48.7491, 56.7523 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, 183, 192) looks like.

```
.text, #text, p{  
    color:rgb(191, 183, 192)  
}
```

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, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 183, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.9338, 48.7491, 56.7523 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, 183, 192) }
```


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

```
.border{ border-color:rgb(191, 183, 192) }
```

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

Here you see how a box with a 4 pixel rgb(191, 183, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 183,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9338, 48.7491, 56.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 183, 192) }
```

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

```
.background{ background-color: rgb(191,  
183, 192) }
```

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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