

Converting Colors

XYZ(46.7443, 46.8787, 53.0221)

Have a look what the booklet for
XYZ(46.7443, 46.8787, 53.0221)
contains.

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Color

**XYZ(46.7213, 46.9918,
53.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B3BA
RGB	192, 179, 186
RGB Percent	75%, 70%, 73%
CMY	0.2471, 0.2980, 0.2706
CMYK	0.00, 0.07, 0.03, 0.25
HSL	328°, 9%, 73%
HSV	328°, 7%, 75%
XYZ	46.7213, 46.9918, 53.0622
YIQ	183.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

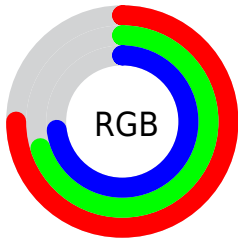
Format	Color
R_{YB}	192, 179, 186
Decimal	12628922
CIE _{Lab}	74.18, 5.88, -1.90
CIE _{LCh}	74, 6.177, 342.110
Yxy	46.9918, 0.3183, 0.3202
Android (android.graphics.Color)	4290819002 (0xFFC0B3BA)
YUV	183.6850, 1.1413, 7.2923
Hunter-Lab	68.5506, 1.6949, 2.0914

Details

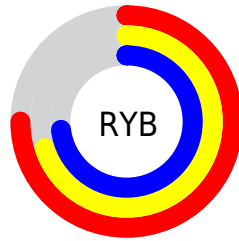
The XYZ color **46.7213, 46.9918, 53.0622** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1988, 50.7871, 53.2695**, and the grayscale version is **45.3791, 47.7424, 51.9914**.

A 20% lighter version of the original color is **84.4467, 85.7839, 96.1115**, and **22.3420, 22.1041, 25.2793** is the 20% darker color. If you saturate the color by 10%, you get **42.2250, 39.4602, 47.0578**, and if you desaturate by 10%, it is **51.8146, 55.6224, 59.5552**.

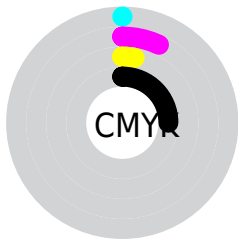
Distribution



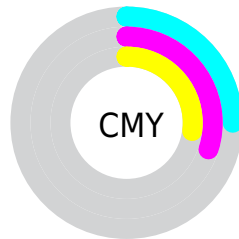
- Red (75%)
- Green (70%)
- Blue (73%)



- Red (75%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7213, 46.9918, 53.0622 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 46.7213, 46.9918, 53.0622 by changing the saturation by 10% instead.

■ 46.7213, 46.9918,
53.0622

■ 46.7213, 46.9918,
53.0622

364.3685,
374.7818, 415.5968

■ 33.0224, 33.0292,
37.4644

■ 84.5187, 85.7014,
96.1384

■ 22.3029, 22.1488,
25.2686

109.3480,
111.2171, 124.4538

■ 14.1975, 13.9663,
16.0565

138.6181,
141.3527, 157.8454

■ 8.3408, 8.0972,
9.4093

172.6944,
176.4925, 196.7319

■ 4.3674, 4.1572,
4.9087

211.9422,
217.0209, 241.5318

■ 1.9120, 1.7619,
2.1360

256.7269,

■ 0.5838, 0.4633,

263.3223, 292.6635

0.6371

307.4139,
315.7812, 350.5456

■ 0.0000, 0.0000,
0.0000

■ 46.7213, 46.9918,
53.0622

■ 46.7213, 46.9918,
53.0622

■ 42.2250, 39.4602,
47.0578

■ 51.8146, 55.6224,
59.5552

■ 38.2986, 32.9772,
41.5260

■ 57.5225, 65.3879,
66.5460

■ 34.9188, 27.4972,
36.4544

■ 63.8672, 76.3299,
74.0474

■ 32.0591, 22.9691,
31.8286

■ 70.6108, 87.9715,
81.9851

■ 29.6907, 19.3372,
27.6334

■ 71.8267, 88.4579,
88.3881

■ 27.7820, 16.5397,
23.8523

■ 73.1060, 88.9696,
95.1247

■ 26.2971, 14.5074,
20.4674

■ 74.4495, 89.5070,
102.1997

■ 25.1946, 13.1591,
17.4586

■ 75.5486, 89.9467,
107.9874

■ 24.4192, 12.3866,
14.8009

Harmonies

Analogous

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



46.1073, 46.9918, 55.8244



46.7213, 46.9918, 53.0622



46.7786, 46.9918, 49.8975

Triad

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



46.7213, 46.9918, 53.0622



44.2191, 46.9918, 45.4326



43.1033, 46.9918, 55.3649

Complementary

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



46.7213, 46.9918, 53.0622



46.1988, 50.7871, 53.2695

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.



42.6147, 46.9918, 52.4560



46.7213, 46.9918, 53.0622



43.2517, 46.9918, 46.7744

Square

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



46.7213, 46.9918, 53.0622



45.3215, 46.9918, 45.5798



42.6686, 46.9918, 49.3157



44.0134, 46.9918, 57.1911

Rectangle

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



46.7213, 46.9918, 53.0622



46.4921, 46.9918, 47.9928



42.6686, 46.9918, 49.3157



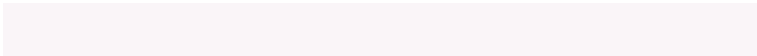
42.8850, 46.9918, 54.4762

Sweetspot

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



46.7226, 46.9938, 53.0632



88.8914, 92.3031, 101.6071



45.6077, 46.3438, 56.4115



19.0904, 19.8364, 21.8239



92.9021, 97.7402, 106.4391



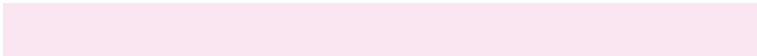
19.4759, 20.4902, 22.3138

Same Dimension

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



46.7226, 46.9938, 53.0632



83.4877, 83.1792, 94.6161



46.0626, 46.7298, 49.5876



10.2948, 10.1665, 11.6430



16.3268, 8.2205, 9.6328



0.7399, 0.3690, 0.5979

Inverse Universe

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



46.7226, 46.9938, 53.0632



83.4877, 83.1792, 94.6161



46.8841, 51.0613, 56.8781



10.2948, 10.1665, 11.6430



16.3268, 8.2205, 9.6328



0.7399, 0.3690, 0.5979

Previews

White Background



This preview shows how the XYZ color 46.7213, 46.9918, 53.0622 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 46.7213, 46.9918, 53.0622 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 46.7213, 46.9918, 53.0622

Background



This preview shows how black text looks on a background with the XYZ color 46.7213, 46.9918, 53.0622.



This preview shows how white text looks on a background with the XYZ color 46.7213, 46.9918,

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

46.7213, 46.9918, 53.0622

Protanopia

45.2607, 46.8260, 53.6665

Deuteranopia

47.8738, 46.9952, 53.0021



Tritanopia

47.4271, 46.9840, 56.4383

Trichromacy



Original Color

46.7213, 46.9918, 53.0622

Protanomaly

45.7844, 46.7952, 53.6330

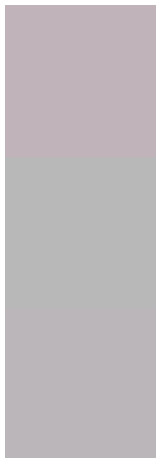
Deuteranomaly

47.5483, 47.1217, 53.0437

Tritanomaly

47.2070, 46.8960, 55.2789

Monochromacy



Original Color

46.7213, 46.9918, 53.0622

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9784, 47.5235, 52.6486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7213, 46.9918, 53.0622 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, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 186)  
}
```

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, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.7213, 46.9918, 53.0622 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, 179, 186) }
```


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

```
.border{ border-color:rgb(192, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7213, 46.9918, 53.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 186) }
```

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

```
.background{ background-color: rgb(192,  
179, 186) }
```

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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