

Converting Colors

XYZ(45.8026, 47.7374, 62.4027)

Have a look what the booklet for
XYZ(45.8026, 47.7374, 62.4027)
contains.

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Color

**XYZ(45.9326, 47.8924,
62.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B8CA
RGB	177, 184, 202
RGB Percent	69%, 72%, 79%
CMY	0.3059, 0.2784, 0.2078
CMYK	0.12, 0.09, 0.00, 0.21
HSL	223°, 19%, 74%
HSV	223°, 12%, 79%
XYZ	45.9326, 47.8924, 62.7004
YIQ	183.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

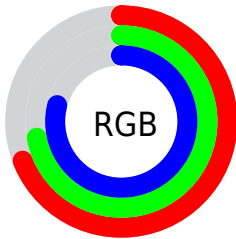
Format	Color
R_{YB}	177, 182, 202
Decimal	11647178
CIE _{Lab}	74.76, 1.18, -9.91
CIE _{LCh}	75, 9.984, 276.773
Yxy	47.8924, 0.2935, 0.3060
Android (android.graphics.Color)	4289837258 (0xFFB1B8CA)
YUV	183.9590, 8.8942, -6.1030
Hunter-Lab	69.2043, -2.6328, -5.2748

Details

The XYZ color **45.9326, 47.8924, 62.7004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8082, 54.7607, 49.4351**, and the grayscale version is **45.4949, 47.8642, 52.1241**.

A 20% lighter version of the original color is **82.8144, 86.8638, 107.0093**, and **21.7738, 22.6558, 31.2424** is the 20% darker color. If you saturate the color by 10%, you get **38.8009, 39.9608, 61.5461**, and if you desaturate by 10%, it is **54.0588, 56.8002, 63.9922**.

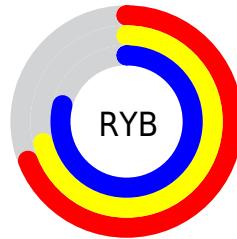
Distribution



Red (69%)

Green (72%)

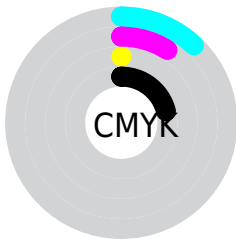
Blue (79%)



Red (69%)

Yellow (71%)

Blue (79%)

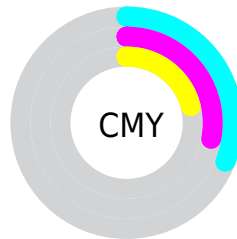


Cyan (12%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (31%)

Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9326, 47.8924, 62.7004 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 45.9326, 47.8924, 62.7004 by changing the saturation by 10% instead.

■ 45.9326, 47.8924,
62.7004

■ 45.9326, 47.8924,
62.7004

361.2581,
378.3655, 452.5593

■ 32.3970, 33.7417,
45.1594

■ 83.3466, 87.0442,
110.3186

■ 21.8220, 22.6952,
31.2392

107.9557,
112.8140, 141.2328

■ 13.8420, 14.3686,
20.5210

136.9868,
143.2257, 177.4420

■ 8.0918, 8.3775,
12.5865

170.8051,
178.6636, 219.3645

■ 4.2061, 4.3374,
7.0171

209.7760,
219.5122, 267.4190

■ 1.8194, 1.8641,
3.3942

254.2649,

■ 0.5293, 0.5266,

266.1557, 322.0239

1.2993

304.6372,
318.9787, 383.5978

■ 0.0000, 0.0000,
0.0612

■ 0.0000, 0.0000,
0.0000

■ 45.9326, 47.8924,
62.7004

■ 45.9326, 47.8924,
62.7004

■ 38.8009, 39.9608,
61.5461

■ 54.0588, 56.8002,
63.9922

■ 32.6203, 32.9654,
60.5216

■ 63.2120, 66.7104,
65.4227

■ 27.3503, 26.8720,
59.6232

■ 73.4288, 77.6559,
66.9969

■ 22.9459, 21.6422,
58.8459

■ 83.7040, 89.1307,
68.6702

■ 19.3581, 17.2343,
58.1842

■ 87.6608, 97.0443,
69.9891

■ 16.5326, 13.6033,
57.6322

■ 14.4078, 10.6988,
57.1836

■ 12.9116, 8.4637,
56.8311

■ 12.1034, 7.1496,
56.6200

Harmonies

Analogous

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



44.1595, 47.8924, 61.8681



45.9326, 47.8924, 62.7004



47.6389, 47.8924, 60.5580

Triad

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



45.9326, 47.8924, 62.7004



48.3696, 47.8924, 46.3963



42.3919, 47.8924, 48.3083

Complementary

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



45.9326, 47.8924, 62.7004



51.8082, 54.7607, 49.4351

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.



43.4655, 47.8924, 44.5527



45.9326, 47.8924, 62.7004



46.9087, 47.8924, 43.5010

Square

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



45.9326, 47.8924, 62.7004



49.0699, 47.8924, 50.9782



45.1105, 47.8924, 42.8491



42.1462, 47.8924, 53.3328

Rectangle

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



45.9326, 47.8924, 62.7004



48.4986, 47.8924, 57.8099



45.1105, 47.8924, 42.8491



42.6665, 47.8924, 46.8660

Sweetspot

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



45.9340, 47.8944, 62.7015



89.0985, 93.5207, 107.9630



49.0937, 55.5254, 59.7111



18.8380, 19.7631, 23.0717



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.



45.9340, 47.8944, 62.7015



74.1873, 77.1260, 105.5845



45.7736, 45.7053, 62.2874



10.8533, 11.3471, 14.1886



7.8539, 4.7317, 36.4556



0.4703, 0.3744, 1.9024

Inverse Universe

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



48.7321, 47.4625, 51.9425



79.9178, 76.3287, 83.5303



51.9741, 57.2304, 49.9030



11.3393, 11.2645, 12.3216



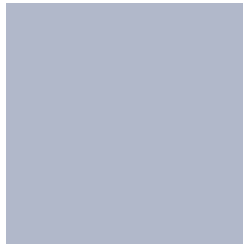
16.1752, 8.2807, 3.3751



0.8673, 0.4403, 0.3473

Previews

White Background



This preview shows how the XYZ color 45.9326, 47.8924, 62.7004 looks on a white background.

Color Contrast Check

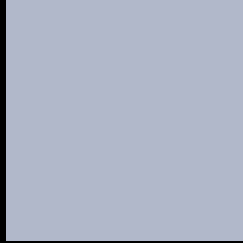
Large Text (above 18pt) WCAG AA × Fail

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 45.9326, 47.8924, 62.7004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

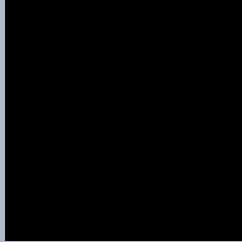
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

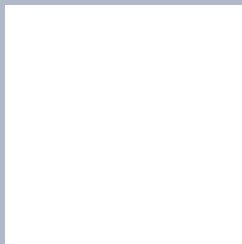
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.9326, 47.8924, 62.7004

Background



This preview shows how black text looks on a background with the XYZ color 45.9326, 47.8924, 62.7004.

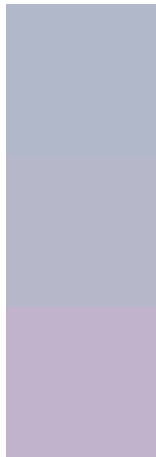


This preview shows how white text looks on a background with the XYZ color 45.9326, 47.8924,

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

45.9326, 47.8924, 62.7004

Protanopia

46.7675, 48.0291, 62.0640

Deuteranopia

48.8919, 47.8895, 63.1666



Tritanopia

45.3538, 47.6346, 60.8368

Trichromacy



Original Color

45.9326, 47.8924, 62.7004

Protanomaly

46.2985, 47.7873, 62.0420

Deuteranomaly

47.7969, 47.9243, 63.2311

Tritanomaly

45.4703, 47.6812, 61.4504

Monochromacy



Original Color

45.9326, 47.8924, 62.7004

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.6005, 47.8663, 56.1259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9326, 47.8924, 62.7004 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(177, 184, 202)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 202)  
}
```

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(177, 184, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 202) }
```

Border

The CSS property to change the border of an element to XYZ 45.9326, 47.8924, 62.7004 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(177, 184, 202) }
```


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

```
.border{ border-color:rgb(177, 184, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 184, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 202);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9326, 47.8924, 62.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 202) }
```

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

```
.background{ background-color: rgb(177,  
184, 202) }
```

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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