

Converting Colors

XYZ(45.6636, 46.1624, 52.4024)

Have a look what the booklet for
XYZ(45.6636, 46.1624, 52.4024)
contains.

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Color

**XYZ(45.6636, 46.1624,
52.4024)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB2B9
RGB	189, 178, 185
RGB Percent	74%, 70%, 73%
CMY	0.2588, 0.3019, 0.2745
CMYK	0.00, 0.06, 0.02, 0.26
HSL	322°, 8%, 72%
HSV	322°, 6%, 74%
XYZ	45.6636, 46.1624, 52.4024
YIQ	182.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

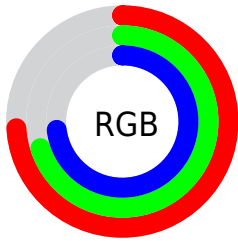
Format	Color
RYB	189, 178, 185
Decimal	12432057
CIELab	73.65, 5.18, -2.16
CIELCh	74, 5.612, 337.333
Yxy	46.1624, 0.3166, 0.3201
Android (android.graphics.Color)	4290622137 (0xFFBDB2B9)
YUV	182.0870, 1.4361, 6.0627
Hunter-Lab	67.9429, 1.0676, 1.8314

Details

The XYZ color **45.6636, 46.1624, 52.4024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0029, 49.2388, 51.3905**, and the grayscale version is **44.5027, 46.8203, 50.9873**.

A 20% lighter version of the original color is **82.9562, 84.6090, 95.1780**, and **21.6518, 21.5674, 24.8515** is the 20% darker color. If you saturate the color by 10%, you get **41.4512, 38.8706, 47.5041**, and if you desaturate by 10%, it is **50.4318, 54.5085, 57.6603**.

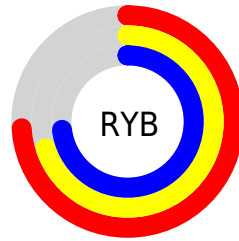
Distribution



Red (74%)

Green (70%)

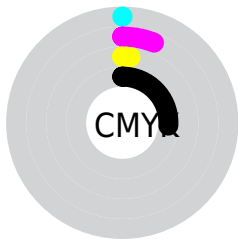
Blue (73%)



Red (74%)

Yellow (70%)

Blue (73%)

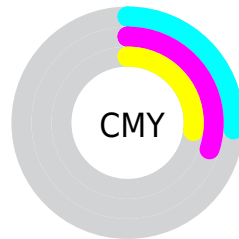


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6636, 46.1624, 52.4024 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 45.6636, 46.1624, 52.4024 by changing the saturation by 10% instead.

■ 45.6636, 46.1624,
52.4024

■ 45.6636, 46.1624,
52.4024

360.1932,
371.4612, 412.9892

■ 32.1839, 32.3740,
36.9415

■ 82.9463, 84.4620,
95.1570

■ 21.6583, 21.6473,
24.8667

107.4800,
109.7420, 123.2878

■ 13.7212, 13.5980,
15.7597

136.4291,
139.6213, 156.4790

■ 8.0074, 7.8416,
9.2018

170.1590,
174.4842, 195.1491

■ 4.1515, 3.9938,
4.7744

209.0350,
214.7153, 239.7166

■ 1.7882, 1.6701,
2.0591

253.4225,

■ 0.5106, 0.4042,

260.6989, 290.6001

0.5913

303.6867,
312.8194, 348.2181

■ 0.0000, 0.0000,
0.0000

■ 45.6636, 46.1624,
52.4024

■ 45.6636, 46.1624,
52.4024

■ 41.4512, 38.8706,
47.5041

■ 50.4318, 54.5085,
57.6603

■ 37.7692, 32.5848,
42.9527

■ 55.7723, 63.9427,
63.2839

■ 34.5959, 27.2617,
38.7392

■ 61.7056, 74.5048,
69.2830

■ 31.9065, 22.8528,
34.8528

■ 68.2500, 86.2309,
75.6659

■ 29.6742, 19.3051,
31.2819

■ 69.5822, 87.4732,
80.4938

■ 27.8693, 16.5603,
28.0139

■ 70.5084, 87.8437,
85.3709

■ 26.4586, 14.5525,
25.0352

■ 71.4724, 88.2293,
90.4474

■ 25.4034, 13.2056,
22.3300

■ 72.4747, 88.6302,
95.7254

■ 24.6555, 12.4238,
19.8794

■ 73.5157, 89.0466,
101.2073

Harmonies

Analogous

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



45.0455, 46.1624, 54.7428



45.6636, 46.1624, 52.4024



45.7993, 46.1624, 49.5675

Triad

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



45.6636, 46.1624, 52.4024



43.6325, 46.1624, 45.0265



42.3736, 46.1624, 53.6566

Complementary

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



45.6636, 46.1624, 52.4024



45.0029, 49.2388, 51.3905

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.



42.0073, 46.1624, 50.9650



45.6636, 46.1624, 52.4024



42.7269, 46.1624, 46.0346

Square

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



45.6636, 46.1624, 52.4024



44.6168, 46.1624, 45.3787



42.1356, 46.1624, 48.1826



43.1434, 46.1624, 55.4858

Rectangle

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



45.6636, 46.1624, 52.4024



45.5961, 46.1624, 47.7910



42.1356, 46.1624, 48.1826



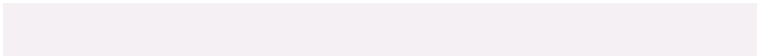
42.1997, 46.1624, 52.8188

Sweetspot

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



45.6649, 46.1644, 52.4034



84.8988, 88.1124, 97.3419



44.3635, 45.4440, 54.5781



18.2760, 18.9812, 20.9539



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.6649, 46.1644, 52.4034



80.7536, 80.8851, 92.6825



45.1109, 45.9428, 49.4857



9.9588, 9.9484, 11.4301



16.4492, 8.2108, 12.9252



0.6747, 0.3338, 0.6662

Inverse Universe

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



45.6649, 46.1644, 52.4034



80.7536, 80.8851, 92.6825



45.5663, 49.4641, 54.3572



9.9588, 9.9484, 11.4301



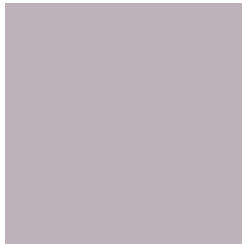
16.4492, 8.2108, 12.9252



0.6747, 0.3338, 0.6662

Previews

White Background



This preview shows how the XYZ color 45.6636, 46.1624, 52.4024 looks on a white background.

Color Contrast Check

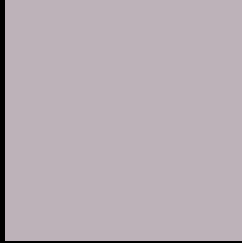
Large Text (above 18pt) WCAG AA × Fail

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 45.6636, 46.1624, 52.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

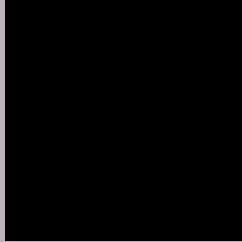
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6636, 46.1624, 52.4024

Background



This preview shows how black text looks on a background with the XYZ color 45.6636, 46.1624, 52.4024.



This preview shows how white text looks on a background with the XYZ color 45.6636, 46.1624,

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

45.6636, 46.1624, 52.4024

Protanopia

44.7126, 46.2550, 53.0259

Deuteranopia

46.9578, 45.9409, 52.8469



Tritanopia

46.3613, 46.1530, 55.7551

Trichromacy



Original Color

45.6636, 46.1624, 52.4024

Protanomaly

44.9906, 46.0997, 52.9812

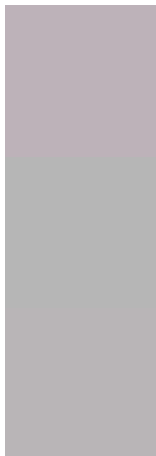
Deuteranomaly

46.3806, 45.9333, 52.8759

Tritanomaly

46.1427, 46.0656, 54.6037

Monochromacy



Original Color

45.6636, 46.1624, 52.4024

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.0787, 46.7809, 51.4535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6636, 46.1624, 52.4024 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(189, 178, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 185)  
}
```

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(189, 178, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 185) }
```

Border

The CSS property to change the border of an element to XYZ 45.6636, 46.1624, 52.4024 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(189, 178, 185) }
```


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

```
.border{ border-color:rgb(189, 178, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6636, 46.1624, 52.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 185) }
```

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

```
.background{ background-color: rgb(189,  
178, 185) }
```

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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