

Converting Colors

XYZ(45.5533, 47.3421, 52.8450)

Have a look what the booklet for
XYZ(45.5533, 47.3421, 52.8450)
contains.

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Color

**XYZ(45.4925, 47.2730,
52.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B6B9
RGB	185, 182, 185
RGB Percent	73%, 71%, 73%
CMY	0.2745, 0.2863, 0.2745
CMYK	0.00, 0.02, 0.00, 0.27
HSL	300°, 2%, 72%
HSV	300°, 2%, 73%
XYZ	45.4925, 47.2730, 52.6258
YIQ	183.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

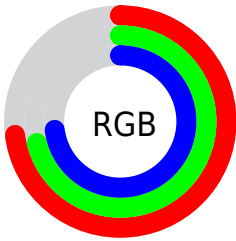
Format	Color
R_{YB}	185, 182, 185
Decimal	12170937
CIE Lab	74.36, 1.61, -1.16
CIE LCh	74, 1.985, 324.408
Yxy	47.2730, 0.3129, 0.3251
Android (android.graphics.Color)	4290361017 (0xFFB9B6B9)
YUV	183.2390, 0.8682, 1.5444
Hunter-Lab	68.7554, -2.2160, 2.7478

Details

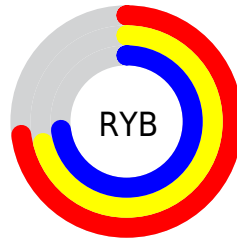
The XYZ color **45.4925, 47.2730, 52.6258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0857, 48.0217, 51.1513**, and the grayscale version is **45.1371, 47.4878, 51.7142**.

A 20% lighter version of the original color is **82.7273, 86.2007, 95.4973**, and **21.5308, 22.2720, 24.9939** is the 20% darker color. If you saturate the color by 10%, you get **41.9519, 40.1911, 51.4462**, and if you desaturate by 10%, it is **49.5363, 55.3600, 53.9744**.

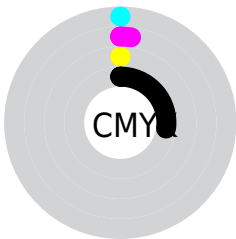
Distribution



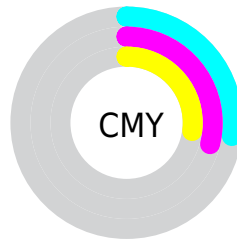
- Red (73%)
- Green (71%)
- Blue (73%)



- Red (73%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4925, 47.2730, 52.6258 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 45.4925, 47.2730, 52.6258 by changing the saturation by 10% instead.

■ 45.4925, 47.2730,
52.6258

■ 45.4925, 47.2730,
52.6258

359.5148,
375.9032, 413.8733

■ 32.0485, 33.2515,
37.1185

■ 82.6915, 86.1210,
95.4895

■ 21.5542, 22.3192,
25.0027

107.1771,
111.7163, 123.6829

■ 13.6445, 14.0916,
15.8600

136.0741,
141.9383, 156.9420

■ 7.9539, 8.1844,
9.2719

169.7476,
177.1715, 195.6855

■ 4.1170, 4.2132,
4.8197

208.5630,
217.8001, 240.3318

■ 1.7685, 1.7935,
2.0850

252.8858,

■ 0.4986, 0.4831,

264.2087, 291.2996

0.6068

303.0813,
316.7816, 349.0072

■ 0.0000, 0.0000,
0.0000

■ 45.4925, 47.2730,
52.6258

■ 45.4925, 47.2730,
52.6258

■ 41.9519, 40.1911,
51.4462

■ 49.5363, 55.3600,
53.9744

■ 38.8910, 34.0694,
50.4258

■ 54.0977, 64.4828,
55.4949

■ 36.2904, 28.8682,
49.5589

■ 59.1956, 74.6785,
57.1942

■ 34.1279, 24.5432,
48.8381

■ 64.5250, 85.3373,
58.9707

■ 32.3794, 21.0462,
48.2552

■ 64.5250, 85.3373,
58.9707

■ 31.0184, 18.3242,
47.8015

■ 64.5250, 85.3373,
58.9707

■ 30.0155, 16.3184,
47.4672

■ 64.5250, 85.3373,
58.9707

■ 29.3371, 14.9615,
47.2410

■ 64.5250, 85.3373,
58.9708

■ 28.9429, 14.1733,
47.1096

■ 64.5250, 85.3373,
58.9708

Harmonies

Analogous

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



45.2160, 47.2730, 53.2847



45.4925, 47.2730, 52.6258



45.6187, 47.2730, 51.6642

Triad

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



45.4925, 47.2730, 52.6258



44.9985, 47.2730, 49.5390



44.3089, 47.2730, 52.2895

Complementary

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



45.4925, 47.2730, 52.6258



45.0857, 48.0217, 51.1513

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.



44.2514, 47.2730, 51.2808



45.4925, 47.2730, 52.6258



44.6483, 47.2730, 49.7014

Square

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



45.4925, 47.2730, 52.6258



45.3326, 47.2730, 49.8890



44.3753, 47.2730, 50.3357



44.5329, 47.2730, 53.0887

Rectangle

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



45.4925, 47.2730, 52.6258



45.6002, 47.2730, 50.9843



44.3753, 47.2730, 50.3357



44.2695, 47.2730, 51.9633

Sweetspot

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



45.4938, 47.2750, 52.6268



82.5889, 86.8899, 94.6231



44.7784, 46.9062, 52.5934



17.8044, 18.7317, 20.3988



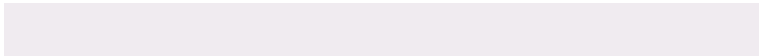
88.6918, 93.3107, 101.6153

Same Dimension

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



45.4938, 47.2750, 52.6268



81.1985, 84.1091, 94.1597



45.3365, 47.2121, 51.7980



9.9698, 10.3405, 11.5499



19.5860, 9.4082, 32.0365



0.6905, 0.3317, 1.1294

Inverse Universe

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



45.4938, 47.2750, 52.6268



81.1985, 84.1091, 94.1597



45.2414, 48.0840, 51.9713



9.9698, 10.3405, 11.5499



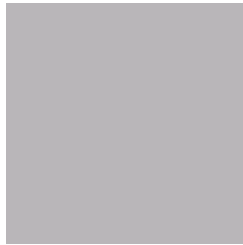
19.5860, 9.4082, 32.0365



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 45.4925, 47.2730, 52.6258 looks on a white background.

Color Contrast Check

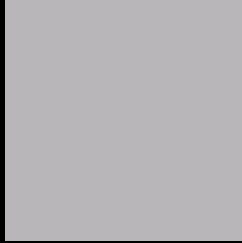
Large Text (above 18pt) WCAG AA × Fail

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 45.4925, 47.2730, 52.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

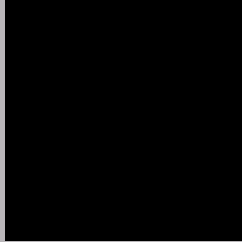
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

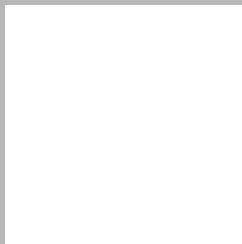
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4925, 47.2730, 52.6258

Background



This preview shows how black text looks on a background with the XYZ color 45.4925, 47.2730, 52.6258.



This preview shows how white text looks on a background with the XYZ color 45.4925, 47.2730,

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

45.4925, 47.2730, 52.6258

Protanopia

45.4925, 47.2730, 52.6258

Deuteranopia

48.1383, 47.1316, 53.0145



Tritanopia

46.4213, 47.0218, 58.2592

Trichromacy



Original Color

45.4925, 47.2730, 52.6258

Protanomaly

45.4925, 47.2730, 52.6258

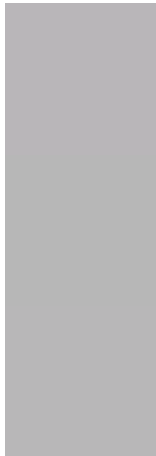
Deuteranomaly

47.2312, 47.2547, 53.0861

Tritanomaly

46.1775, 47.2484, 55.9763

Monochromacy



Original Color

45.4925, 47.2730, 52.6258

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.3524, 47.5180, 52.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4925, 47.2730, 52.6258 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(185, 182, 185) looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 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(185, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 45.4925, 47.2730, 52.6258 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(185, 182, 185) }
```

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

```
.border{ border-color:rgb(185, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 182,  
185) }
```


Background

The CSS property to change the background color of an element to XYZ 45.4925, 47.2730, 52.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 185) }
```

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

```
.background{ background-color: rgb(185,  
182, 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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