

Converting Colors

XYZ(45.5311, 50.8688, 46.2889)

Have a look what the booklet for
XYZ(45.5311, 50.8688, 46.2889)
contains.

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Color

**XYZ(45.5724, 50.9422,
46.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C1AC
RGB	181, 193, 172
RGB Percent	71%, 76%, 67%
CMY	0.2902, 0.2431, 0.3255
CMYK	0.06, 0.00, 0.11, 0.24
HSL	94°, 14%, 72%
HSV	94°, 11%, 76%
XYZ	45.5724, 50.9422, 46.4606
YIQ	187.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

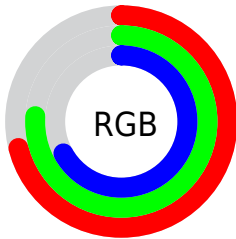
Format	Color
RYB	172, 193, 184
Decimal	11911596
CIELab	76.64, -7.98, 9.16
CIELCh	77, 12.152, 131.074
Yxy	50.9422, 0.3187, 0.3563
Android (android.graphics.Color)	4290101676 (0xFFB5C1AC)
YUV	187.0180, -7.4039, -5.2778
Hunter-Lab	71.3738, -10.9313, 11.3670

Details

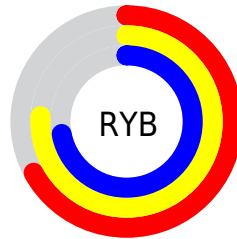
The XYZ color **45.5724, 50.9422, 46.4606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1473, 43.5470, 56.5333**, and the grayscale version is **47.2860, 49.7486, 54.1762**.

A 20% lighter version of the original color is **82.6659, 91.3019, 85.9391**, and **21.6703, 24.7014, 21.3950** is the 20% darker color. If you saturate the color by 10%, you get **41.3673, 48.9747, 37.2805**, and if you desaturate by 10%, it is **50.2544, 53.1274, 57.0705**.

Distribution



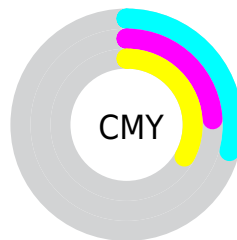
- Red (71%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (72%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5724, 50.9422, 46.4606 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 45.5724, 50.9422, 46.4606 by changing the saturation by 10% instead.

■ 45.5724, 50.9422,
46.4606

■ 45.5724, 50.9422,
46.4606

359.8317,
390.3392, 388.9886

■ 32.1117, 36.1626,
32.2582

■ 82.8105, 91.5693,
86.2494

■ 21.6028, 24.5598,
21.2923

107.3186,
118.1857, 112.6729

■ 13.6803, 15.7494,
13.1445

136.2399,
149.5164, 144.0071

■ 7.9789, 9.3470,
7.3962

169.9397,
185.9458, 180.6707

■ 4.1331, 4.9682,
3.6289

208.7835,
227.8584, 223.0820

■ 1.7777, 2.2286,
1.4241

253.1365,

■ 0.5042, 0.7355,

275.6386, 271.6598

0.1604

303.3641,
329.6707, 326.8225

■ 0.0000, 0.0000,
0.0000

■ 45.5724, 50.9422,
46.4606

■ 45.5724, 50.9422,
46.4606

■ 41.3673, 48.9747,
37.2805

■ 50.2544, 53.1274,
57.0705

■ 37.6186, 47.2113,
29.4656

■ 55.4244, 55.5303,
69.1642

■ 34.3104, 45.6466,
22.9518

■ 61.0987, 58.1596,
82.7970

■ 31.4242, 44.2727,
17.6680

■ 67.2911, 61.0214,
98.0205

■ 28.9401, 43.0809,
13.5367

■ 71.7638, 63.2209,
103.0282

■ 26.8361, 42.0620,
10.4713

■ 75.5433, 65.1694,
103.2051

■ 25.0877, 41.2053,
8.3731

■ 78.3609, 66.6219,
103.3370

■ 23.6666, 40.4988,
7.1249

■ 22.6119, 39.9673,
6.5227

Harmonies

Analogous

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



47.5750, 50.9422, 43.9480



45.5724, 50.9422, 46.4606



44.3568, 50.9422, 51.4617

Triad

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



45.5724, 50.9422, 46.4606



46.9994, 50.9422, 68.3251



52.8880, 50.9422, 53.0712

Complementary

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



45.5724, 50.9422, 46.4606



44.1473, 43.5470, 56.5333

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.



52.7220, 50.9422, 59.6758



45.5724, 50.9422, 46.4606



49.2730, 50.9422, 68.8420

Square

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



45.5724, 50.9422, 46.4606



45.1625, 50.9422, 64.2078



51.3818, 50.9422, 65.5689



51.8284, 50.9422, 47.5585

Rectangle

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



45.5724, 50.9422, 46.4606



44.1325, 50.9422, 55.7049



51.3818, 50.9422, 65.5689



52.9745, 50.9422, 55.2305

Sweetspot

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



45.5738, 50.9444, 46.4617



88.1134, 94.2675, 97.8735



46.5604, 48.5574, 45.9490



18.7538, 20.1539, 20.6557



92.9021, 97.7402, 106.4391



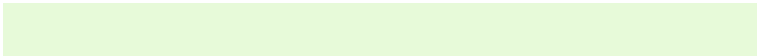
19.4759, 20.4902, 22.3138

Same Dimension

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



45.5738, 50.9444, 46.4617



79.7955, 90.3848, 79.1680



43.6663, 49.9454, 47.0782



10.3445, 11.4651, 10.7296



15.1265, 26.6268, 4.3422



0.7323, 1.1911, 0.1913

Inverse Universe

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



44.1473, 43.5470, 56.5333



76.7444, 74.5641, 100.7077



46.2169, 44.6319, 55.8185



10.0670, 10.0257, 12.6894



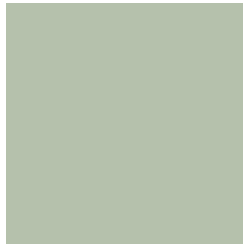
10.7971, 4.8265, 33.9192



0.5441, 0.2485, 1.4692

Previews

White Background



This preview shows how the XYZ color 45.5724, 50.9422, 46.4606 looks on a white background.

Color Contrast Check

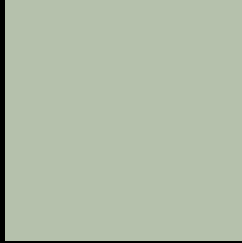
Large Text (above 18pt) WCAG AA × Fail

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 45.5724, 50.9422, 46.4606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

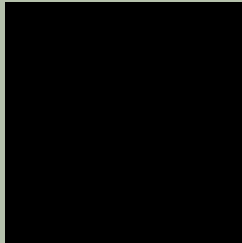
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

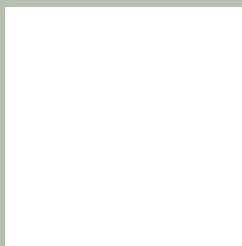
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5724, 50.9422, 46.4606

Background



This preview shows how black text looks on a background with the XYZ color 45.5724, 50.9422, 46.4606.



This preview shows how white text looks on a background with the XYZ color 45.5724, 50.9422,

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

45.5724, 50.9422, 46.4606

Protanopia

48.2649, 50.7390, 45.2800

Deuteranopia

51.8085, 50.6580, 47.0918



Tritanopia

49.0124, 50.7173, 63.7061

Trichromacy



Original Color

45.5724, 50.9422, 46.4606

Protanomaly

47.2500, 50.8436, 45.8515

Deuteranomaly

49.1891, 50.5524, 46.7002

Tritanomaly

47.6950, 50.8230, 57.1652

Monochromacy



Original Color

45.5724, 50.9422, 46.4606

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.6487, 50.0869, 51.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5724, 50.9422, 46.4606 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(181, 193, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 172)  
}
```

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(181, 193, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 172) }
```

Border

The CSS property to change the border of an element to XYZ 45.5724, 50.9422, 46.4606 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(181, 193, 172) }
```


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

```
.border{ border-color:rgb(181, 193, 172) }
```

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

Here you see how a box with a 4 pixel rgb(181, 193, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5724, 50.9422, 46.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 172) }
```

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

```
.background{ background-color: rgb(181,  
193, 172) }
```

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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