

Converting Colors

XYZ(44.7609, 52.4063, 46.5365)

Have a look what the booklet for
XYZ(44.7609, 52.4063, 46.5365)
contains.

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Color

**XYZ(44.8831, 52.5961,
46.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	ACC7AC
RGB	172, 199, 172
RGB Percent	67%, 78%, 67%
CMY	0.3255, 0.2196, 0.3255
CMYK	0.14, 0.00, 0.14, 0.22
HSL	120°, 19%, 73%
HSV	120°, 14%, 78%
XYZ	44.8831, 52.5961, 46.8162
YIQ	187.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

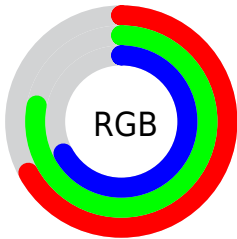
Format	Color
RYB	172, 199, 199
Decimal	11323308
CIELab	77.64, -14.24, 10.49
CIELCh	78, 17.688, 143.633
Yxy	52.5961, 0.3111, 0.3645
Android (android.graphics.Color)	4289513388 (0xFFACC7AC)
YUV	187.8490, -7.8136, -13.8996
Hunter-Lab	72.5232, -16.4456, 12.4925

Details

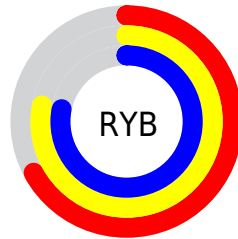
The XYZ color **44.8831, 52.5961, 46.8162** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.6164, 45.7719, 60.3079**, and the grayscale version is **47.7614, 50.2488, 54.7209**.

A 20% lighter version of the original color is **81.6200, 93.5600, 86.4301**, and **21.1233, 25.5288, 21.5835** is the 20% darker color. If you saturate the color by 10%, you get **39.0680, 49.8044, 37.3034**, and if you desaturate by 10%, it is **51.6413, 55.8440, 57.8693**.

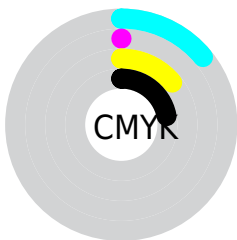
Distribution



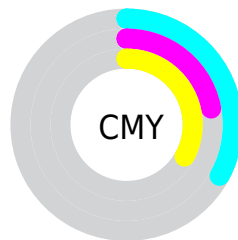
- Red (67%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8831, 52.5961, 46.8162 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 44.8831, 52.5961, 46.8162 by changing the saturation by 10% instead.

■ 44.8831, 52.5961,
46.8162

■ 44.8831, 52.5961,
46.8162

357.0916,
396.7336, 390.4529

■ 31.5662, 37.4804,
32.5371

■ 81.7831, 94.0098,
86.7863

■ 21.1843, 25.5797,
21.5038

106.0970,
121.0766, 113.3144

■ 13.3720, 16.5095,
13.2980

134.8072,
152.8959, 144.7625

■ 7.7640, 9.8854,
7.5009

168.2792,
189.8520, 181.5492

■ 3.9948, 5.3230,
3.6941

206.8783,
232.3295, 224.0931

■ 1.6992, 2.4380,
1.4591

250.9698,

■ 0.4558, 0.8453,

280.7127, 272.8126

0.1872

300.9191,
335.3859, 328.1264

■ 0.0000, 0.0000,
0.0000

■ 44.8831, 52.5961,
46.8162

■ 44.8831, 52.5961,
46.8162

■ 39.0680, 49.8044,
37.3034

■ 51.6413, 55.8440,
57.8693

■ 34.1502, 47.4421,
29.2594

■ 59.3775, 59.5601,
70.5231

■ 30.0862, 45.4900,
22.6120

■ 68.1299, 63.7643,
84.8391

■ 26.8275, 43.9246,
17.2817

■ 77.9334, 68.4734,
100.8745

■ 24.3204, 42.7204,
13.1809

■ 79.7145, 69.3289,
103.7882

■ 22.5051, 41.8484,
10.2116

■ 21.3124, 41.2754,
8.2606

■ 20.6588, 40.9615,
7.1916

■ 20.4245, 40.8489,
6.8082

Harmonies

Analogous

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



47.4022, 52.5961, 41.6965



44.8831, 52.5961, 46.8162



43.7393, 52.5961, 55.2060

Triad

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



44.8831, 52.5961, 46.8162



49.2657, 52.5961, 78.0864



56.2574, 52.5961, 50.0489

Complementary

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



44.8831, 52.5961, 46.8162



48.6164, 45.7719, 60.3079

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.



56.8117, 52.5961, 59.3811



44.8831, 52.5961, 46.8162



52.6724, 52.5961, 76.3018

Square

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



44.8831, 52.5961, 46.8162



46.1942, 52.5961, 73.8021



55.4725, 52.5961, 69.1704



53.9904, 52.5961, 43.4088

Rectangle

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



44.8831, 52.5961, 46.8162



43.8718, 52.5961, 61.8205



55.4725, 52.5961, 69.1704



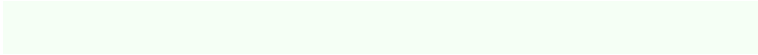
56.6543, 52.5961, 52.9451

Sweetspot

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



44.8845, 52.5983, 46.8174



89.7974, 97.4769, 100.3084



51.4254, 55.9703, 47.1233



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



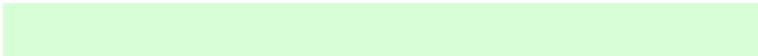
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8845, 52.5983, 46.8174



75.7132, 90.7116, 77.2713



46.2481, 53.1438, 53.9980



10.4975, 11.8879, 11.3041



13.1327, 26.2655, 4.3776



0.6218, 1.2437, 0.2073

Inverse Universe

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



48.6164, 45.7719, 60.3079



83.3871, 76.6744, 105.0119



47.1173, 45.1723, 52.4135



11.0831, 10.8166, 13.4211



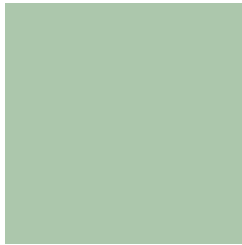
21.7738, 10.4591, 35.6144



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 44.8831, 52.5961, 46.8162 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 44.8831, 52.5961, 46.8162 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 44.8831, 52.5961, 46.8162

Background



This preview shows how black text looks on a background with the XYZ color 44.8831, 52.5961, 46.8162.



This preview shows how white text looks on a background with the XYZ color 44.8831, 52.5961,

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

44.8831, 52.5961, 46.8162

Protanopia

49.5181, 52.3681, 44.5440

Deuteranopia

53.4057, 52.3920, 47.8553



Tritanopia

49.1605, 52.6520, 67.8934

Trichromacy



Original Color

44.8831, 52.5961, 46.8162

Protanomaly

47.6884, 52.3953, 45.1360

Deuteranomaly

49.8729, 52.1623, 47.4841

Tritanomaly

47.6082, 52.6955, 59.8866

Monochromacy



Original Color

44.8831, 52.5961, 46.8162

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.5845, 51.0218, 51.6489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8831, 52.5961, 46.8162 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(172, 199, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 199, 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(172, 199, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 199, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.8831, 52.5961, 46.8162 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(172, 199, 172) }
```


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

```
.border{ border-color:rgb(172, 199, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 199, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 199, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 199, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 199,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8831, 52.5961, 46.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 199, 172) }
```

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

```
.background{ background-color: rgb(172,  
199, 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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