

Converting Colors

XYZ(43.0655, 52.4812, 40.9948)

Have a look what the booklet for
XYZ(43.0655, 52.4812, 40.9948)
contains.

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Color

**XYZ(43.1682, 52.5268,
41.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C9A0
RGB	167, 201, 160
RGB Percent	65%, 79%, 63%
CMY	0.3451, 0.2117, 0.3725
CMYK	0.17, 0.00, 0.20, 0.21
HSL	110°, 28%, 71%
HSV	110°, 20%, 79%
XYZ	43.1682, 52.5268, 41.1212
YIQ	186.1600, -7.1030, -19.9590

Conversions

Conversions Part 2

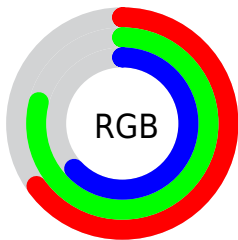
Format	Color
RYB	160, 201, 194
Decimal	10996128
CIELab	77.59, -19.09, 16.80
CIELCh	78, 25.432, 138.642
Yxy	52.5268, 0.3155, 0.3839
Android (android.graphics.Color)	4289186208 (0xFFA7C9A0)
YUV	186.1600, -12.8969, -16.8033
Hunter-Lab	72.4754, -20.5127, 17.0927

Details

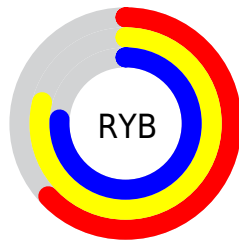
The XYZ color **43.1682, 52.5268, 41.1212** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.3636, 40.8294, 60.7509**, and the grayscale version is **46.8358, 49.2750, 53.6604**.

A 20% lighter version of the original color is **78.1499, 91.9559, 77.9203**, and **20.2107, 25.5950, 18.0625** is the 20% darker color. If you saturate the color by 10%, you get **38.2529, 50.1814, 32.4427**, and if you desaturate by 10%, it is **48.8246, 55.2244, 51.3207**.

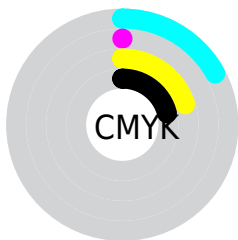
Distribution



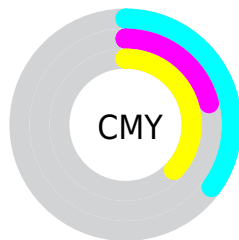
- Red (65%)
- Green (79%)
- Blue (63%)



- Red (63%)
- Yellow (79%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)





- Cyan (35%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1682, 52.5268, 41.1212 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 43.1682, 52.5268, 41.1212 by changing the saturation by 10% instead.


 43.1682, 52.5268,
41.1212


 43.1682, 52.5268,
41.1212


350.2128,
396.4670, 366.5185

 30.2122, 37.4251,
28.0934


 79.2187, 93.9077,
78.1235

 20.1486, 25.5368,
18.1564


 103.0440,
120.9557, 102.9351

 12.6120, 16.4775,
10.8917


131.2231,
152.7547, 132.5117

 7.2371, 9.8626,
5.8808

164.1213,
189.6889, 167.2718

 3.6584, 5.3080,
2.7051

202.1040,
232.1429, 207.6340

 1.5108, 2.4291,
0.9460

245.5366,

 0.3331, 0.8408,

280.5010, 254.0168

0.0000

294.7844,
335.1475, 306.8388

■ 0.0000, 0.0000,
0.0000

■ 43.1682, 52.5268,
41.1212

■ 43.1682, 52.5268,
41.1212

■ 38.2529, 50.1814,
32.4427

■ 48.8246, 55.2244,
51.3207

■ 34.0437, 48.1672,
25.2089

■ 55.2469, 58.2811,
63.1054

■ 30.5088, 46.4711,
19.3426

■ 62.4639, 61.7117,
76.5401

■ 27.6124, 45.0765,
14.7575

■ 70.5018, 65.5285,
91.6851

■ 25.3155, 43.9652,
11.3578

■ 78.4863, 69.3834,
103.8634

■ 23.5744, 43.1173,
9.0343

■ 80.1776, 70.2553,
103.9425

■ 22.3389, 42.5096,
7.6573

■ 21.5577, 42.1207,
6.9939

Harmonies

Analogous

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



46.9675, 52.5268, 35.2064



43.1682, 52.5268, 41.1212



41.2285, 52.5268, 52.0308

Triad

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



43.1682, 52.5268, 41.1212



48.0886, 52.5268, 88.0113



59.4167, 52.5268, 48.9773

Complementary

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



43.1682, 52.5268, 41.1212



45.3636, 40.8294, 60.7509

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.



59.7660, 52.5268, 62.6853



43.1682, 52.5268, 41.1212



53.0045, 52.5268, 86.8316

Square

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



43.1682, 52.5268, 41.1212



43.9426, 52.5268, 79.9850



57.3528, 52.5268, 76.9857



56.4275, 52.5268, 39.2024

Rectangle

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



43.1682, 52.5268, 41.1212



41.1602, 52.5268, 61.3527



57.3528, 52.5268, 76.9857



59.8537, 52.5268, 53.2252

Sweetspot

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



43.1696, 52.5290, 41.1224



88.1687, 96.7259, 96.2276



49.6117, 53.3119, 40.9339



18.7178, 20.6301, 20.3147



0.0000, 0.0000, 0.0000



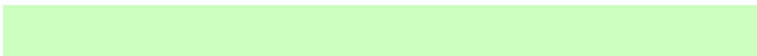
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1696, 52.5290, 41.1224



70.4449, 88.2784, 64.2479



42.9267, 52.2656, 47.3538



10.6634, 11.9734, 11.3118



13.6078, 26.5104, 4.3998



0.6981, 1.2830, 0.2108

Inverse Universe

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



45.3636, 40.8294, 60.7509



74.7975, 65.0467, 103.2207



45.7389, 41.1920, 53.1285



10.8986, 10.7215, 13.4125



16.6752, 7.8307, 35.3769



0.8379, 0.3957, 1.6774

Previews

White Background



This preview shows how the XYZ color 43.1682, 52.5268, 41.1212 looks on a white background.

Color Contrast Check

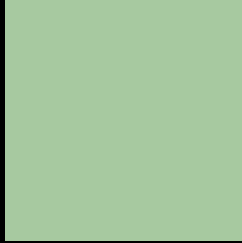
Large Text (above 18pt) WCAG AA × Fail

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 43.1682, 52.5268, 41.1212 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 43.1682, 52.5268, 41.1212

Background



This preview shows how black text looks on a background with the XYZ color 43.1682, 52.5268, 41.1212.

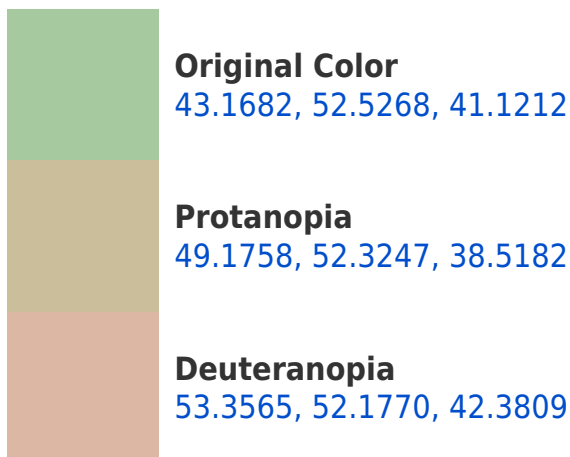


This preview shows how white text looks on a background with the XYZ color 43.1682, 52.5268,

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





Tritanopia

48.6038, 52.3507, 68.5158

Trichromacy



Original Color

43.1682, 52.5268, 41.1212

Protanomaly

46.8361, 52.4117, 39.5462

Deuteranomaly

49.1117, 51.8888, 42.0774

Tritanomaly

46.4939, 52.5089, 57.5539

Monochromacy



Original Color

43.1682, 52.5268, 41.1212

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1570, 50.0196, 48.8697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1682, 52.5268, 41.1212 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(167, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(167, 201, 160)  
}
```

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(167, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 201, 160) }
```

Border

The CSS property to change the border of an element to XYZ 43.1682, 52.5268, 41.1212 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(167, 201, 160) }
```


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

```
.border{ border-color:rgb(167, 201, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(167, 201,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1682, 52.5268, 41.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 201, 160) }
```

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

```
.background{ background-color: rgb(167,  
201, 160) }
```

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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