

Converting Colors

XYZ(43.4430, 52.2890, 31.9356)

Have a look what the booklet for
XYZ(43.4430, 52.2890, 31.9356)
contains.

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Color

**XYZ(43.3710, 52.1468,
31.8242)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C78A
RGB	178, 199, 138
RGB Percent	70%, 78%, 54%
CMY	0.3020, 0.2196, 0.4588
CMYK	0.11, 0.00, 0.31, 0.22
HSL	81°, 35%, 66%
HSV	81°, 31%, 78%
XYZ	43.3710, 52.1468, 31.8242
YIQ	185.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

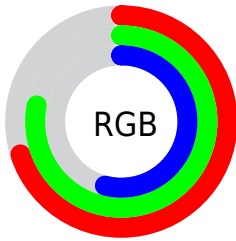
Format	Color
RYB	138, 199, 159
Decimal	11716490
CIELab	77.37, -17.51, 28.25
CIELCh	77, 33.240, 121.794
Yxy	52.1468, 0.3406, 0.4095
Android (android.graphics.Color)	4289906570 (0xFFB2C78A)
YUV	185.7670, -23.5491, -6.8117
Hunter-Lab	72.2127, -19.1651, 24.4198

Details

The XYZ color **43.3710, 52.1468, 31.8242** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6974, 29.6728, 57.9871**, and the grayscale version is **46.6677, 49.0981, 53.4678**.

A 20% lighter version of the original color is **79.2061, 92.8182, 63.6103**, and **20.3031, 25.2989, 12.8299** is the 20% darker color. If you saturate the color by 10%, you get **40.5275, 50.8341, 24.8471**, and if you desaturate by 10%, it is **46.5597, 53.6102, 40.1976**.

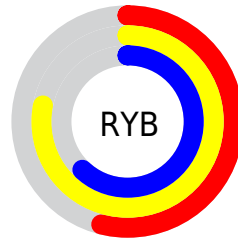
Distribution



Red (70%)

Green (78%)

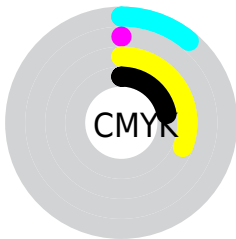
Blue (54%)



Red (54%)

Yellow (78%)

Blue (62%)

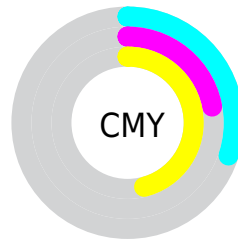


Cyan (11%)

Magenta (0%)

Yellow (31%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3710, 52.1468, 31.8242 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 43.3710, 52.1468, 31.8242 by changing the saturation by 10% instead.

■ 43.3710, 52.1468,
31.8242

■ 43.3710, 52.1468,
31.8242

351.0310,
395.0031, 324.7857

■ 30.3721, 37.1221,
20.9635

■ 79.5226, 93.3477,
63.6301

■ 20.2707, 25.3020,
12.9064

■ 103.4061,
120.2927, 85.4124

■ 12.7014, 16.3022,
7.2341

■ 131.6484,
151.9799, 111.6724

■ 7.2988, 9.7383,
3.5283

164.6150,
188.7937, 142.8285

■ 3.6976, 5.2258,
1.3703

202.6712,
231.1186, 179.2994

■ 1.5325, 2.3803,
0.1184

246.1824,

■ 0.3478, 0.8157,

279.3388, 221.5035

0.0000

295.5139,
333.8388, 269.8594

■ 0.0000, 0.0000,
0.0000

■ 43.3710, 52.1468,
31.8242

■ 43.3710, 52.1468,
31.8242

■ 40.5275, 50.8341,
24.8471

■ 46.5597, 53.6102,
40.1976

■ 38.0097, 49.6588,
19.1869

■ 50.1041, 55.2234,
50.0342

■ 35.8020, 48.6163,
14.7613


■ 54.0191, 56.9941,
61.4007


■ 33.8855, 47.6990,
11.4774


■ 58.3173, 58.9276,
74.3587


■ 32.2388, 46.8982,
9.2294


■ 63.0110, 61.0288,
88.9663


 30.8369, 46.2036,
7.8912

 67.7218, 63.1466,
103.2269

 29.7049, 45.6333,
7.2425

 69.8275, 64.2321,
103.3255

 72.0190, 65.3618,
103.4280

 74.2973, 66.5363,
103.5346

Harmonies

Analogous

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



49.1805, 52.1468, 28.3805



43.3710, 52.1468, 31.8242



39.5099, 52.1468, 41.7248

Triad

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



43.3710, 52.1468, 31.8242



43.9830, 52.1468, 93.7566



62.8802, 52.1468, 55.6851

Complementary

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



43.3710, 52.1468, 31.8242



33.6974, 29.6728, 57.9871

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.



61.1935, 52.1468, 75.0780



43.3710, 52.1468, 31.8242



49.9494, 52.1468, 99.6882

Square

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



43.3710, 52.1468, 31.8242



39.8413, 52.1468, 77.3990



56.3201, 52.1468, 92.2268



60.7521, 52.1468, 40.1910

Rectangle

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



43.3710, 52.1468, 31.8242



38.3753, 52.1468, 51.9053



56.3201, 52.1468, 92.2268



62.7400, 52.1468, 61.9487

Sweetspot

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



43.3723, 52.1491, 31.8253



88.7249, 97.1410, 90.4550



40.4263, 38.5464, 29.3550



18.7830, 20.6979, 18.7685



0.0000, 0.0000, 0.0000



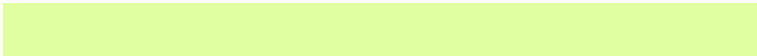
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3723, 52.1491, 31.8253



72.4441, 89.6918, 47.0506



37.2554, 48.9957, 31.5391



11.1556, 12.2272, 11.3349



19.1971, 29.3918, 4.6614



0.9846, 1.4307, 0.2243

Inverse Universe

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



33.6974, 29.6728, 57.9871



52.7608, 43.9429, 100.3088



40.3441, 33.0993, 58.2981



10.3953, 10.4620, 13.3890



8.2704, 3.4978, 34.9836



0.4696, 0.2058, 1.6601

Previews

White Background



This preview shows how the XYZ color 43.3710, 52.1468, 31.8242 looks on a white background.

Color Contrast Check

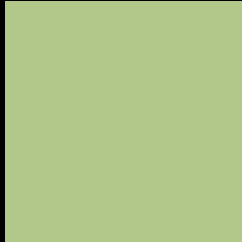
Large Text (above 18pt) WCAG AA × Fail

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 43.3710, 52.1468, 31.8242 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 43.3710, 52.1468, 31.8242

Background



This preview shows how black text looks on a background with the XYZ color 43.3710, 52.1468, 31.8242.



This preview shows how white text looks on a background with the XYZ color 43.3710, 52.1468,

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

43.3710, 52.1468, 31.8242

Protanopia

48.3875, 52.1046, 30.0612

Deuteranopia

52.7925, 51.7976, 32.4148



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

43.3710, 52.1468, 31.8242

Protanomaly

46.4299, 52.0686, 30.5248

Deuteranomaly

48.9436, 51.6985, 32.2102

Tritanomaly

47.1776, 51.6665, 51.2022

Monochromacy



Original Color

43.3710, 52.1468, 31.8242

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3207, 50.1935, 44.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3710, 52.1468, 31.8242 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(178, 199, 138)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 138)  
}
```

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(178, 199, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 138) }
```

Border

The CSS property to change the border of an element to XYZ 43.3710, 52.1468, 31.8242 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(178, 199, 138) }
```


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

```
.border{ border-color:rgb(178, 199, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 138);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3710, 52.1468, 31.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 138) }
```

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

```
.background{ background-color: rgb(178,  
199, 138) }
```

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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