

Converting Colors

XYZ(43.6095, 52.6280, 31.1498)

Have a look what the booklet for
XYZ(43.6095, 52.6280, 31.1498)
contains.

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Color

**XYZ(43.6886, 52.6698,
31.1562)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C888
RGB	179, 200, 136
RGB Percent	70%, 78%, 53%
CMY	0.2980, 0.2157, 0.4667
CMYK	0.11, 0.00, 0.32, 0.22
HSL	80°, 37%, 66%
HSV	80°, 32%, 78%
XYZ	43.6886, 52.6698, 31.1562
YIQ	186.4250, 8.0280, -24.3560

Conversions

Conversions Part 2

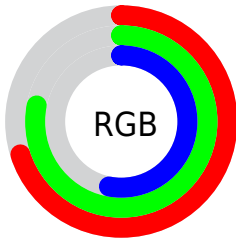
Format	Color
RYB	136, 200, 157
Decimal	11782280
CIELab	77.68, -17.92, 29.72
CIElCh	78, 34.706, 121.080
Yxy	52.6698, 0.3426, 0.4130
Android (android.graphics.Color)	4289972360 (0xFFB3C888)
YUV	186.4250, -24.8595, -6.5117
Hunter-Lab	72.5740, -19.5497, 25.3484

Details

The XYZ color **43.6886, 52.6698, 31.1562** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1362, 28.9480, 58.4875**, and the grayscale version is **47.0437, 49.4937, 53.8986**.

A 20% lighter version of the original color is **79.3152, 92.8999, 62.4663**, and **20.3760, 25.5736, 12.4566** is the 20% darker color. If you saturate the color by 10%, you get **40.9171, 51.3919, 24.2865**, and if you desaturate by 10%, it is **46.8003, 54.0957, 39.4285**.

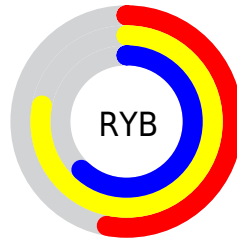
Distribution



Red (70%)

Green (78%)

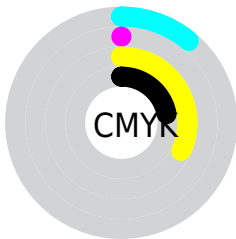
Blue (53%)



Red (53%)

Yellow (78%)

Blue (62%)

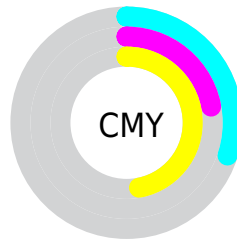


Cyan (11%)

Magenta (0%)

Yellow (32%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6886, 52.6698, 31.1562 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 43.6886, 52.6698, 31.1562 by changing the saturation by 10% instead.

■ 43.6886, 52.6698,
31.1562

■ 43.6886, 52.6698,
31.1562

352.3097,
397.0170, 321.6307

■ 30.6226, 37.5392,
20.4584

■ 79.9982, 94.1183,
62.5684

■ 20.4621, 25.6253,
12.5413

■ 103.9726,
121.2050, 84.1198

■ 12.8416, 16.5435,
6.9865

■ 132.3138,
153.0459, 110.1261

■ 7.3958, 9.9096,
3.3753

165.3871,
190.0254, 141.0059

■ 3.7594, 5.3390,
1.2893

203.5581,
232.5279, 177.1778

■ 1.5669, 2.4475,
0.0530

247.1919,

■ 0.3707, 0.8502,

280.9377, 219.0601

0.0000

296.6540,
335.6393, 267.0716

■ 0.0000, 0.0000,
0.0000

■ 43.6886, 52.6698,
31.1562

■ 43.6886, 52.6698,
31.1562

■ 40.9171, 51.3919,
24.2865

■ 46.8003, 54.0957,
39.4285

■ 38.4660, 50.2486,
18.7382

■ 50.2628, 55.6686,
49.1718

■ 36.3194, 49.2351,
14.4267


■ 54.0910, 57.3964,
60.4543


■ 34.4580, 48.3438,
11.2566


■ 58.2979, 59.2843,
73.3388


■ 32.8602, 47.5658,
9.1182


■ 62.8956, 61.3373,
87.8845


 31.4998, 46.8905,
7.8807

 67.7334, 63.4953,
103.2936

 30.5455, 46.4093,
7.3480

 69.7400, 64.5297,
103.3875

 71.8253, 65.6047,
103.4851

 73.9901, 66.7207,
103.5864

Harmonies

Analogous

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



49.8181, 52.6698, 27.7587



43.6886, 52.6698, 31.1562



39.5911, 52.6698, 41.2644

Triad

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



43.6886, 52.6698, 31.1562



44.0747, 52.6698, 96.1745



64.1080, 52.6698, 56.6543

Complementary

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



43.6886, 52.6698, 31.1562



33.1362, 28.9480, 58.4875

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.



62.2310, 52.6698, 77.1478



43.6886, 52.6698, 31.1562



50.3048, 52.6698, 102.8199

Square

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



43.6886, 52.6698, 31.1562



39.7996, 52.6698, 78.6283



57.0249, 52.6698, 95.1940



61.9501, 52.6698, 40.3026

Rectangle

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



43.6886, 52.6698, 31.1562



38.3610, 52.6698, 51.8053



57.0249, 52.6698, 95.1940



63.9267, 52.6698, 63.2736

Sweetspot

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



43.6899, 52.6721, 31.1573



88.2007, 96.9123, 88.5526



40.1985, 37.9251, 28.4949



18.6839, 20.6552, 18.3898



0.0000, 0.0000, 0.0000



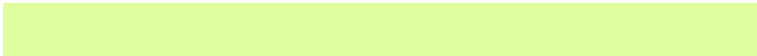
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6899, 52.6721, 31.1573



72.4331, 89.7117, 45.8914



37.2645, 49.3597, 30.8566



11.1725, 12.2359, 11.3357



19.5186, 29.5575, 4.6764



0.9981, 1.4377, 0.2249

Inverse Universe

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



33.1362, 28.9480, 58.4875



51.5043, 42.6422, 100.1239



40.0362, 32.5050, 58.8104



10.3791, 10.4537, 13.3882



8.1265, 3.4236, 34.9769



0.4616, 0.2017, 1.6597

Previews

White Background



This preview shows how the XYZ color 43.6886, 52.6698, 31.1562 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 43.6886, 52.6698, 31.1562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

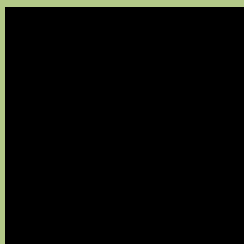
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

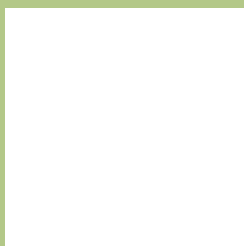
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6886, 52.6698, 31.1562

Background



This preview shows how black text looks on a background with the XYZ color 43.6886, 52.6698, 31.1562.



This preview shows how white text looks on a background with the XYZ color 43.6886, 52.6698,

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

43.6886, 52.6698, 31.1562

Protanopia

48.7466, 52.6306, 29.4193

Deuteranopia

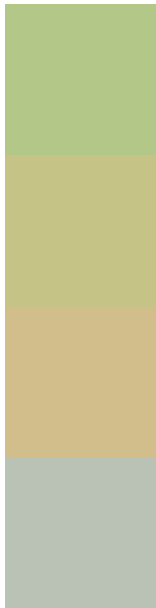
53.5527, 52.5053, 32.1230



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

43.6886, 52.6698, 31.1562

Protanomaly

46.7747, 52.5940, 29.8767

Deuteranomaly

49.6520, 52.3926, 31.9219

Tritanomaly

47.6399, 52.2341, 51.2874

Monochromacy



Original Color

43.6886, 52.6698, 31.1562

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2271, 50.1560, 44.3431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6886, 52.6698, 31.1562 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(179, 200, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 136)  
}
```

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(179, 200, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.6886, 52.6698, 31.1562 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(179, 200, 136) }
```


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

```
.border{ border-color:rgb(179, 200, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 200, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 200, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 200, 136); box-shadow:4px 4px 4px 4px rgb(179, 200, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6886, 52.6698, 31.1562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 136) }
```

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

```
.background{ background-color: rgb(179,  
200, 136) }
```

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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