

Converting Colors

XYZ(43.6541, 52.0749, 30.6479)

Have a look what the booklet for
XYZ(43.6541, 52.0749, 30.6479)
contains.

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Color

**XYZ(43.6233, 51.9612,
30.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C687
RGB	181, 198, 135
RGB Percent	71%, 78%, 53%
CMY	0.2902, 0.2235, 0.4706
CMYK	0.09, 0.00, 0.32, 0.22
HSL	76°, 36%, 65%
HSV	76°, 32%, 78%
XYZ	43.6233, 51.9612, 30.6520
YIQ	185.7350, 10.0910, -23.1970

Conversions

Conversions Part 2

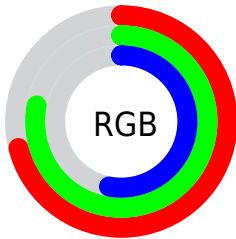
Format	Color
RYB	135, 198, 152
Decimal	11912839
CIELab	77.26, -16.29, 29.71
CIElCh	77, 33.884, 118.735
Yxy	51.9612, 0.3456, 0.4116
Android (android.graphics.Color)	4290102919 (0xFFB5C687)
YUV	185.7350, -25.0124, -4.1526
Hunter-Lab	72.0841, -18.1240, 25.2473

Details

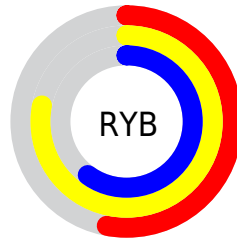
The XYZ color **43.6233, 51.9612, 30.6520** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8080, 28.0820, 57.1729**, and the grayscale version is **46.6565, 49.0863, 53.4550**.

A 20% lighter version of the original color is **79.8704, 93.1986, 61.9236**, and **20.3259, 25.0986, 12.1607** is the 20% darker color. If you saturate the color by 10%, you get **41.1281, 50.8229, 23.9226**, and if you desaturate by 10%, it is **46.4285, 53.2326, 38.7513**.

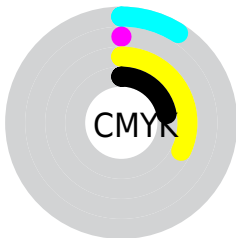
Distribution



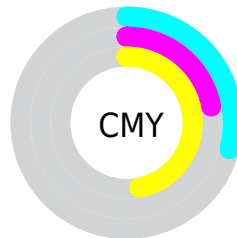
- Red (71%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (60%)



- Cyan (9%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6233, 51.9612, 30.6520 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 43.6233, 51.9612, 30.6520 by changing the saturation by 10% instead.

■ 43.6233, 51.9612,
30.6520

■ 43.6233, 51.9612,
30.6520

352.0471,
394.2868, 319.2333

■ 30.5711, 36.9741,
20.0778

■ 79.9005, 93.0740,
61.7649

■ 20.4227, 25.1875,
12.2669

■ 103.8562,
119.9686, 83.1406

■ 12.8127, 16.2168,
6.8010

■ 132.1770,
151.6011, 108.9540

■ 7.3758, 9.6777,
3.2614

165.2285,
188.3559, 139.6234

■ 3.7466, 5.1858,
1.2296

203.3759,
230.6176, 175.5675

■ 1.5598, 2.3567,
0.0030

246.9845,

■ 0.3660, 0.8035,

278.7703, 217.2049

0.0000

296.4198,
333.1986, 264.9539

■ 0.0000, 0.0000,
0.0000

■ 43.6233, 51.9612,
30.6520

■ 43.6233, 51.9612,
30.6520

■ 41.1281, 50.8229,
23.9226

■ 46.4285, 53.2326,
38.7513

■ 38.9241, 49.8048,
18.4841

■ 49.5536, 54.6358,
48.2873

■ 36.9962, 48.9025,
14.2541


■ 53.0127, 56.1783,
59.3263


■ 35.3261, 48.1088,
11.1398


■ 56.8181, 57.8651,
71.9294


■ 33.8933, 47.4152,
9.0347


■ 60.9812, 59.7007,
86.1546


 32.6728, 46.8118,
7.8116

 65.5129, 61.6896,
102.0566

 31.7953, 46.3705,
7.2746

 67.2813, 62.5791,
103.1406

 68.9094, 63.4184,
103.2168

 70.5896, 64.2845,
103.2954

Harmonies

Analogous

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



49.6638, 51.9612, 27.8223



43.6233, 51.9612, 30.6520



39.4628, 51.9612, 39.9697

Triad

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



43.6233, 51.9612, 30.6520



43.1851, 51.9612, 92.9886



62.9555, 51.9612, 57.3702

Complementary

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



43.6233, 51.9612, 30.6520



31.8080, 28.0820, 57.1729

Split Complementary

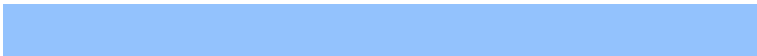
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8507, 51.9612, 77.2448



43.6233, 51.9612, 30.6520



49.1124, 51.9612, 100.3993

Square

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



43.6233, 51.9612, 30.6520



39.2259, 51.9612, 75.5738



55.6385, 51.9612, 94.0927



61.1681, 51.9612, 41.0644

Rectangle

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



43.6233, 51.9612, 30.6520



38.1237, 51.9612, 49.8734



55.6385, 51.9612, 94.0927



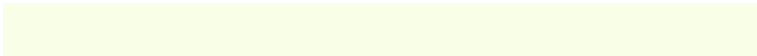
62.6766, 51.9612, 63.8557

Sweetspot

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



43.6246, 51.9635, 30.6531



88.7259, 97.1831, 88.5772



38.8596, 36.1483, 27.8516



18.8114, 20.7209, 18.3957



0.0000, 0.0000, 0.0000



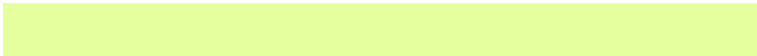
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6246, 51.9635, 30.6531



74.2043, 90.6248, 45.9743



37.0915, 48.5956, 30.3474



11.2339, 12.2675, 11.3385



20.7613, 30.1982, 4.7346



1.0495, 1.4641, 0.2273

Inverse Universe

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



31.8080, 28.0820, 57.1729



50.1219, 41.9295, 100.0592



38.4587, 31.5106, 57.4842



10.3208, 10.4236, 13.3855



7.6696, 3.1881, 34.9555



0.4345, 0.1877, 1.6585

Previews

White Background



This preview shows how the XYZ color 43.6233, 51.9612, 30.6520 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 43.6233, 51.9612, 30.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

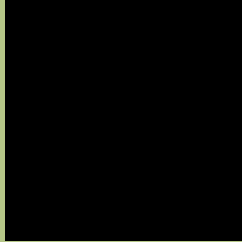
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6233, 51.9612, 30.6520

Background



This preview shows how black text looks on a background with the XYZ color 43.6233, 51.9612, 30.6520.



This preview shows how white text looks on a background with the XYZ color 43.6233, 51.9612,

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

43.6233, 51.9612, 30.6520

Protanopia

48.0319, 51.6147, 29.2609

Deuteranopia

52.8850, 51.8707, 31.2695



Tritanopia

50.3319, 51.7020, 64.4534

Trichromacy



Original Color

43.6233, 51.9612, 30.6520

Protanomaly

46.3296, 51.7037, 29.7283

Deuteranomaly

49.0769, 51.4742, 31.0158

Tritanomaly

47.4798, 51.5187, 50.0895

Monochromacy



Original Color

43.6233, 51.9612, 30.6520

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1557, 49.8073, 43.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6233, 51.9612, 30.6520 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, 198, 135)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 135)  
}
```

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, 198, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.6233, 51.9612, 30.6520 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, 198, 135) }
```


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

```
.border{ border-color:rgb(181, 198, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 198, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 135);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6233, 51.9612, 30.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 135) }
```

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

```
.background{ background-color: rgb(181,  
198, 135) }
```

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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