

Converting Colors

XYZ(43.8587, 52.0825, 30.6630)

Have a look what the booklet for
XYZ(43.8587, 52.0825, 30.6630)
contains.

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Color

**XYZ(43.8587, 52.0825,
30.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C687
RGB	182, 198, 135
RGB Percent	71%, 78%, 53%
CMY	0.2863, 0.2235, 0.4706
CMYK	0.08, 0.00, 0.32, 0.22
HSL	75°, 36%, 65%
HSV	75°, 32%, 78%
XYZ	43.8587, 52.0825, 30.6630
YIQ	186.0340, 10.6870, -22.9850

Conversions

Conversions Part 2

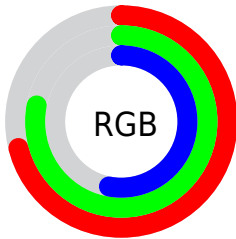
Format	Color
RYB	135, 198, 151
Decimal	11978375
CIELab	77.33, -15.91, 29.82
CIELCh	77, 33.799, 118.081
Yxy	52.0825, 0.3464, 0.4114
Android (android.graphics.Color)	4290168455 (0xFFB6C687)
YUV	186.0340, -25.1598, -3.5378
Hunter-Lab	72.1682, -17.8148, 25.3265

Details

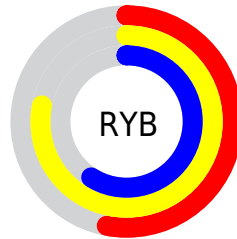
The XYZ color **43.8587, 52.0825, 30.6630** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6215, 27.9858, 57.1641**, and the grayscale version is **46.8247, 49.2632, 53.6476**.

A 20% lighter version of the original color is **80.5419, 93.5448, 61.9551**, and **20.4756, 25.1758, 12.1677** is the 20% darker color. If you saturate the color by 10%, you get **41.4261, 50.9765, 23.9366**, and if you desaturate by 10%, it is **46.5959, 53.3189, 38.7591**.

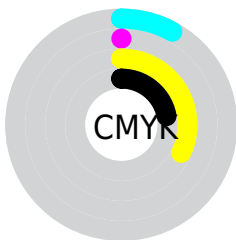
Distribution



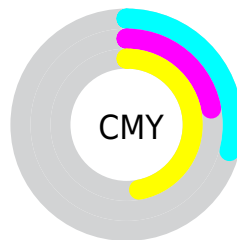
- Red (71%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8587, 52.0825, 30.6630 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 43.8587, 52.0825, 30.6630 by changing the saturation by 10% instead.

■ 43.8587, 52.0825,
30.6630

■ 43.8587, 52.0825,
30.6630

352.9933,
394.7550, 319.2857

■ 30.7569, 37.0708,
20.0861

■ 80.2527, 93.2529,
61.7825

■ 20.5647, 25.2623,
12.2729

■ 104.2757,
120.1804, 83.1620

■ 12.9168, 16.2726,
6.8050

■ 132.6697,
151.8487, 108.9796

■ 7.4479, 9.7173,
3.2639

165.8001,
188.6421, 139.6537

■ 3.7926, 5.2119,
1.2309

204.0323,
230.9450, 175.6028

■ 1.5855, 2.3721,
0.0041

247.7317,

■ 0.3829, 0.8115,

279.1419, 217.2454

0.0000

297.2636,
333.6171, 265.0002

■ 0.0000, 0.0000,
0.0000

■ 43.8587, 52.0825,
30.6630

■ 43.8587, 52.0825,
30.6630

■ 41.4261, 50.9765,
23.9366

■ 46.5959, 53.3189,
38.7591

■ 39.2793, 49.9878,
18.5007

■ 49.6475, 54.6842,
48.2917

■ 37.4034, 49.1124,
14.2732


■ 53.0277, 56.1860,
59.3269


■ 35.7803, 48.3429,
11.1611


■ 56.7483, 57.8291,
71.9261


■ 34.3893, 47.6709,
9.0579


■ 60.8210, 59.6180,
86.1470


 33.2058, 47.0866,
7.8365

 65.2564, 61.5573,
102.0445

 32.3550, 46.6589,
7.3008

 66.9226, 62.3941,
103.1238

 68.4426, 63.1777,
103.1949

 70.0085, 63.9849,
103.2682

Harmonies

Analogous

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



49.9218, 52.0825, 27.9675



43.8587, 52.0825, 30.6630



39.6494, 52.0825, 39.8361

Triad

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



43.8587, 52.0825, 30.6630



43.1945, 52.0825, 92.7692



63.0497, 52.0825, 57.9140

Complementary

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



43.8587, 52.0825, 30.6630



31.6215, 27.9858, 57.1641

Split Complementary

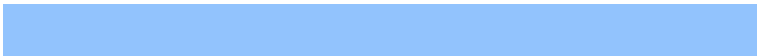
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8669, 52.0825, 77.7782



43.8587, 52.0825, 30.6630



49.0862, 52.0825, 100.4453

Square

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



43.8587, 52.0825, 30.6630



39.2901, 52.0825, 75.2478



55.6116, 52.0825, 94.4404



61.3476, 52.0825, 41.4964

Rectangle

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



43.8587, 52.0825, 30.6630



38.2706, 52.0825, 49.6444



55.6116, 52.0825, 94.4404



62.7424, 52.0825, 64.4138

Sweetspot

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



43.8600, 52.0848, 30.6641



88.8697, 97.2572, 88.5839



38.6901, 35.8094, 27.7951



18.8463, 20.7389, 18.3974



0.0000, 0.0000, 0.0000



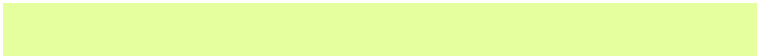
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8600, 52.0848, 30.6641



74.6971, 90.8789, 45.9973



37.2851, 48.6953, 30.3564



11.2507, 12.2762, 11.3393



21.1225, 30.3843, 4.7515



1.0641, 1.4717, 0.2280

Inverse Universe

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



31.6215, 27.9858, 57.1641



49.7546, 41.7402, 100.0421



38.2093, 31.3820, 57.4724



10.3050, 10.4155, 13.3848



7.5616, 3.1324, 34.9504



0.4274, 0.1841, 1.6581

Previews

White Background



This preview shows how the XYZ color 43.8587, 52.0825, 30.6630 looks on a white background.

Color Contrast Check

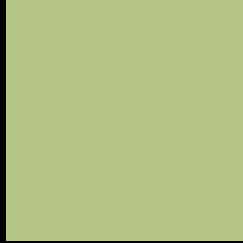
Large Text (above 18pt) WCAG AA × Fail

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 43.8587, 52.0825, 30.6630 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

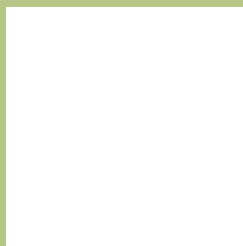
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8587, 52.0825, 30.6630

Background



This preview shows how black text looks on a background with the XYZ color 43.8587, 52.0825, 30.6630.



This preview shows how white text looks on a background with the XYZ color 43.8587, 52.0825,

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

43.8587, 52.0825, 30.6630

Protanopia

48.2493, 52.0494, 29.3333

Deuteranopia

52.8850, 51.8707, 31.2695



Tritanopia

50.5825, 51.8312, 64.4652

Trichromacy



Original Color

43.8587, 52.0825, 30.6630

Protanomaly

46.5514, 52.1473, 29.8022

Deuteranomaly

49.0769, 51.4742, 31.0158

Tritanomaly

47.7254, 51.6453, 50.1010

Monochromacy



Original Color

43.8587, 52.0825, 30.6630

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3961, 49.9312, 43.8043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8587, 52.0825, 30.6630 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(182, 198, 135)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 198, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.8587, 52.0825, 30.6630 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(182, 198, 135) }
```


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

```
.border{ border-color:rgb(182, 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(182, 198, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 135);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8587, 52.0825, 30.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 135) }
```

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

```
.background{ background-color: rgb(182,  
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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