

Converting Colors

XYZ(53.0027, 58.6883, 43.1703)

Have a look what the booklet for
XYZ(53.0027, 58.6883, 43.1703)
contains.

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Color

**XYZ(52.8323, 58.5266,
43.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCCA3
RGB	203, 204, 163
RGB Percent	80%, 80%, 64%
CMY	0.2039, 0.2000, 0.3608
CMYK	0.00, 0.00, 0.20, 0.20
HSL	61°, 29%, 72%
HSV	61°, 20%, 80%
XYZ	52.8323, 58.5266, 43.1625
YIQ	199.0270, 12.5650, -12.9630

Conversions

Conversions Part 2

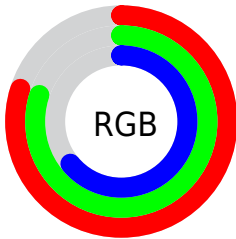
Format	Color
R_{YB}	163, 204, 164
Decimal	13356195
CIE Lab	81.03, -7.13, 20.37
CIE LCh	81, 21.585, 109.279
Yxy	58.5266, 0.3419, 0.3788
Android (android.graphics.Color)	4291546275 (0xFFCBCCA3)
YUV	199.0270, -17.7613, 3.4843
Hunter-Lab	76.5027, -10.6086, 20.1007

Details

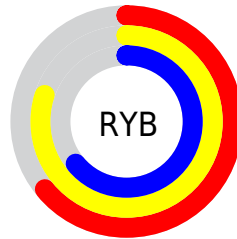
The XYZ color **52.8323, 58.5266, 43.1625** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3084, 38.4481, 62.4795**, and the grayscale version is **54.4038, 57.2370, 62.3311**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **26.1700, 29.3500, 19.3247** is the 20% darker color. If you saturate the color by 10%, you get **51.0146, 57.7858, 34.2935**, and if you desaturate by 10%, it is **54.9484, 59.3908, 53.5870**.

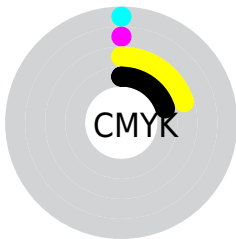
Distribution



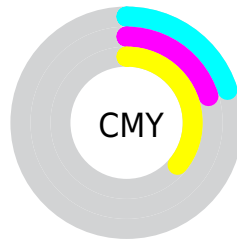
- Red (80%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (64%)



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



- Cyan (20%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8323, 58.5266, 43.1625 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 52.8323, 58.5266, 43.1625 by changing the saturation by 10% instead.

■ 52.8323, 58.5266,
43.1625

■ 52.8323, 58.5266,
43.1625

387.9128,
419.1453, 375.2205

■ 37.8959, 42.2322,
29.6803

■ 93.5245, 102.6893,
81.2450

■ 26.0787, 29.2831,
19.3461

■ 120.0110,
131.3264, 106.6824

■ 17.0155, 19.2951,
11.7413

151.0783,
164.8464, 136.9419

■ 10.3409, 11.8837,
6.4474

187.0916,
203.6338, 172.4421

■ 5.6896, 6.6645,
3.0458

228.4163,
248.0731, 213.6015

■ 2.6961, 3.2532,
1.1181

275.4179,

■ 0.9952, 1.2653,

298.5484, 260.8387

0.0000

328.4616,
355.4444, 314.5721

■ 0.0000, 0.1141,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8323, 58.5266,
43.1625

■ 52.8323, 58.5266,
43.1625

■ 51.0146, 57.7858,
34.2935

■ 54.9484, 59.3908,
53.5870

■ 49.4767, 57.1550,
26.9019

■ 57.3715, 60.3758,
65.6327

■ 48.2047, 56.6306,
20.9086

■ 60.1154, 61.4893,
79.3658

■ 47.1819, 56.2059,
16.2255

■ 63.1920, 62.7358,
94.8480

■ 46.3898, 55.8736,
12.7544

■ 64.9591, 63.4586,
103.4328

■ 45.8070, 55.6250,
10.3837

■ 65.0977, 63.5301,
103.4392

■ 45.4084, 55.4502,
8.9808

■ 65.2368, 63.6017,
103.4458

■ 45.1488, 55.3311,
8.3004

■ 65.3762, 63.6736,
103.4523

■ 65.5161, 63.7457,
103.4588

Harmonies

Analogous

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



57.2455, 58.5266, 42.4320



52.8323, 58.5266, 43.1625



49.3521, 58.5266, 48.9499

Triad

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



52.8323, 58.5266, 43.1625



50.1959, 58.5266, 84.3080



64.5268, 58.5266, 68.4254

Complementary

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



52.8323, 58.5266, 43.1625



39.3084, 38.4481, 62.4795

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.



62.4141, 58.5266, 81.2103



52.8323, 58.5266, 43.1625



54.0408, 58.5266, 91.1641

Square

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



52.8323, 58.5266, 43.1625



47.8874, 58.5266, 72.2214



58.5202, 58.5266, 89.9600



64.1602, 58.5266, 55.9235

Rectangle

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



52.8323, 58.5266, 43.1625



47.9546, 58.5266, 55.3901



58.5202, 58.5266, 89.9600



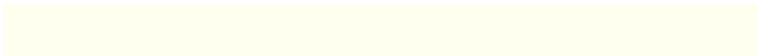
64.0787, 58.5266, 72.8578

Sweetspot

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



52.8338, 58.5292, 43.1637



92.5458, 98.9824, 96.4324



44.7335, 41.9208, 40.3849



19.7528, 21.1636, 20.3631



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.



52.8338, 58.5292, 43.1637



86.1655, 96.3827, 64.9836



47.6908, 55.8779, 42.9231



12.1256, 13.0822, 11.9655



28.4278, 34.8304, 5.2246



1.4753, 1.8014, 0.2699

Inverse Universe

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



39.3084, 38.4481, 62.4795



59.8805, 57.3567, 102.5226



43.8092, 40.7683, 62.6901



10.6267, 10.8569, 14.1059



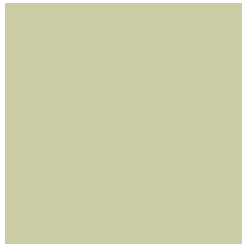
6.9109, 2.7702, 36.1267



0.3656, 0.1476, 1.8642

Previews

White Background



This preview shows how the XYZ color 52.8323, 58.5266, 43.1625 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 52.8323, 58.5266, 43.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

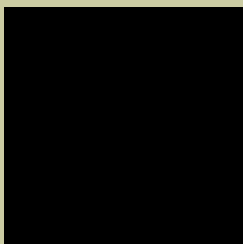
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

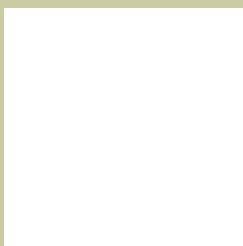
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8323, 58.5266, 43.1625

Background



This preview shows how black text looks on a background with the XYZ color 52.8323, 58.5266, 43.1625.



This preview shows how white text looks on a background with the XYZ color 52.8323, 58.5266,

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

52.8323, 58.5266, 43.1625

Protanopia

54.7602, 58.4926, 42.1222

Deuteranopia

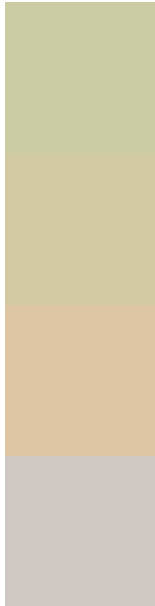
59.4658, 58.1802, 43.6930



Tritanopia

58.5548, 58.4382, 71.1443

Trichromacy



Original Color

52.8323, 58.5266, 43.1625

Protanomaly

53.9366, 58.4050, 42.6129

Deuteranomaly

56.7913, 58.1424, 43.3513

Tritanomaly

56.2367, 58.5141, 59.9601

Monochromacy



Original Color

52.8323, 58.5266, 43.1625

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5690, 57.5978, 54.7485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8323, 58.5266, 43.1625 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(203, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 163)  
}
```

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(203, 204, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 163) }
```

Border

The CSS property to change the border of an element to XYZ 52.8323, 58.5266, 43.1625 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(203, 204, 163) }
```


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

```
.border{ border-color:rgb(203, 204, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 204, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 204, 163); box-shadow:4px 4px 4px 4px rgb(203, 204, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8323, 58.5266, 43.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 163) }
```

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

```
.background{ background-color: rgb(203,  
204, 163) }
```

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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