

Converting Colors

XYZ(53.1755, 58.8073, 43.1322)

Have a look what the booklet for
XYZ(53.1755, 58.8073, 43.1322)
contains.

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Color

**XYZ(53.1056, 58.6674,
43.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCA3
RGB	204, 204, 163
RGB Percent	80%, 80%, 64%
CMY	0.2000, 0.2000, 0.3608
CMYK	0.00, 0.00, 0.20, 0.20
HSL	60°, 29%, 72%
HSV	60°, 20%, 80%
XYZ	53.1056, 58.6674, 43.1753
YIQ	199.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

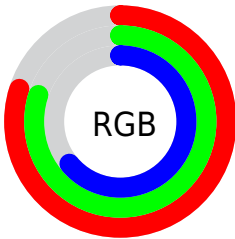
Format	Color
RYB	163, 204, 163
Decimal	13421731
CIELab	81.11, -6.75, 20.49
CIELCh	81, 21.579, 108.240
Yxy	58.6674, 0.3427, 0.3786
Android (android.graphics.Color)	4291611811 (0xFFCCCCA3)
YUV	199.3260, -17.9087, 4.0991
Hunter-Lab	76.5946, -10.2807, 20.1953

Details

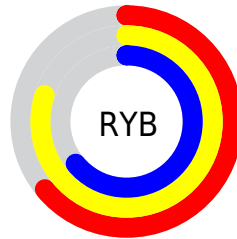
The XYZ color **53.1056, 58.6674, 43.1753** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.1027, 38.3420, 62.4697**, and the grayscale version is **54.5877, 57.4305, 62.5418**.

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 **51.4233, 57.9964, 34.3126**, and if you desaturate by 10%, it is **55.0859, 59.4616, 53.5935**.

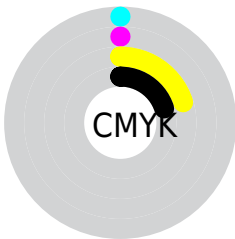
Distribution



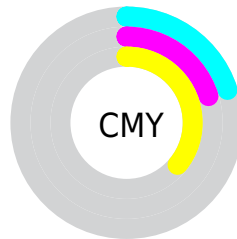
- Red (80%)
- Green (80%)
- Blue (64%)



- 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 53.1056, 58.6674, 43.1753 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 53.1056, 58.6674, 43.1753 by changing the saturation by 10% instead.

 53.1056, 58.6674,
43.1753


 53.1056, 58.6674,
43.1753


388.9444,
419.6682, 375.2746

 38.1149, 42.3454,
29.6903


 93.9244, 102.8941,
81.2645

 26.2495, 29.3719,
19.3536


 120.4831,
131.5676, 106.7058

 17.1440, 19.3623,
11.7466


151.6286,
165.1272, 136.9695

 10.4332, 11.9324,
6.4510

187.7262,
203.9570, 172.4743

 5.7516, 6.6976,
3.0480

229.1412,
248.4417, 213.6387

 2.7338, 3.2737,
1.1192

276.2390,

 1.0146, 1.2763,

298.9655, 260.8811

0.0000

329.3849,
355.9129, 314.6203

■ 0.0000, 0.1227,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1056, 58.6674,
43.1753

■ 53.1056, 58.6674,
43.1753

■ 51.4233, 57.9964,
34.3126

■ 55.0859, 59.4616,
53.5935

■ 50.0203, 57.4351,
26.9274

■ 57.3727, 60.3764,
65.6327

■ 48.8828, 56.9801,
20.9403

■ 59.9800, 61.4193,
79.3595

■ 47.9941, 56.6245,
16.2635

■ 62.9194, 62.5952,
94.8352

■ 47.3355, 56.3610,
12.7987

■ 64.5490, 63.2471,
103.4136

■ 46.8860, 56.1811,
10.4342

■ 64.5496, 63.2474,
103.4136

■ 46.6202, 56.0747,
9.0375

■ 64.5501, 63.2477,
103.4136

■ 46.4915, 56.0232,
8.3632

■ 64.5507, 63.2480,
103.4136

■ 64.5513, 63.2483,
103.4137

Harmonies

Analogous

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



57.5378, 58.6674, 42.6212



53.1056, 58.6674, 43.1753



49.5727, 58.6674, 48.8007

Triad

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



53.1056, 58.6674, 43.1753



50.2128, 58.6674, 84.1307



64.6380, 58.6674, 69.0461

Complementary

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



53.1056, 58.6674, 43.1753



39.1027, 38.3420, 62.4697

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.



62.4452, 58.6674, 81.7809



53.1056, 58.6674, 43.1753



54.0223, 58.6674, 91.2386

Square

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



53.1056, 58.6674, 43.1753



47.9653, 58.6674, 71.9255



58.5047, 58.6674, 90.3252



64.3600, 58.6674, 56.4558

Rectangle

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



53.1056, 58.6674, 43.1753



48.1294, 58.6674, 55.1530



58.5047, 58.6674, 90.3252



64.1608, 58.6674, 73.4796

Sweetspot

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



53.1071, 58.6700, 43.1765



92.6831, 99.0532, 96.4389



44.6117, 41.6775, 40.3444



19.7853, 21.1804, 20.3647



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.



53.1071, 58.6700, 43.1765



86.7128, 96.6649, 65.0092



47.8535, 55.9616, 42.9307



12.1538, 13.0967, 11.9668



29.2608, 35.2598, 5.2636



1.5096, 1.8190, 0.2715

Inverse Universe

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



39.1027, 38.3420, 62.4697



59.4957, 57.1583, 102.5046



43.6456, 40.6840, 62.6823



10.6019, 10.8441, 14.1047



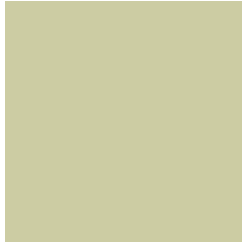
6.8602, 2.7441, 36.1244



0.3539, 0.1416, 1.8636

Previews

White Background



This preview shows how the XYZ color 53.1056, 58.6674, 43.1753 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 53.1056, 58.6674, 43.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

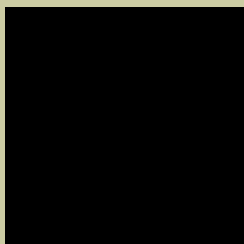
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

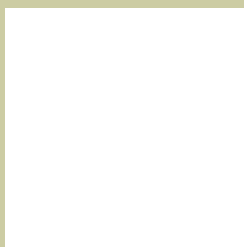
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1056, 58.6674, 43.1753

Background



This preview shows how black text looks on a background with the XYZ color 53.1056, 58.6674, 43.1753.



This preview shows how white text looks on a background with the XYZ color 53.1056, 58.6674,

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

53.1056, 58.6674, 43.1753

Protanopia

55.1398, 58.6781, 42.6022

Deuteranopia

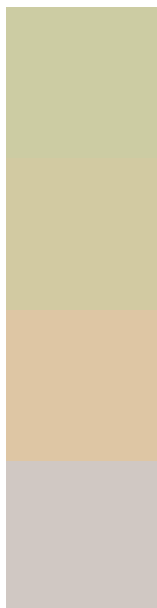
59.6876, 58.6238, 43.7670



Tritanopia

58.8405, 58.5855, 71.1577

Trichromacy



Original Color

53.1056, 58.6674, 43.1753

Protanomaly

54.2205, 58.5513, 42.6262

Deuteranomaly

57.0191, 58.5981, 43.4273

Tritanomaly

56.5170, 58.6586, 59.9732

Monochromacy



Original Color

53.1056, 58.6674, 43.1753

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8370, 57.7360, 54.7610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1056, 58.6674, 43.1753 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(204, 204, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 204, 163) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.1056, 58.6674, 43.1753 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(204, 204, 163) }
```


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

```
.border{ border-color:rgb(204, 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(204, 204, 163)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 53.1056, 58.6674, 43.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(204,  
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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