

Converting Colors

XYZ(42.5766, 38.4841, 31.2700)

Have a look what the booklet for
XYZ(42.5766, 38.4841, 31.2700)
contains.

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Color

**XYZ(42.5260, 38.5043,
31.1773)**

Conversions

Conversions Part 1

Format	Color
Hex	D09A8F
RGB	208, 154, 143
RGB Percent	82%, 60%, 56%
CMY	0.1843, 0.3961, 0.4392
CMYK	0.00, 0.26, 0.31, 0.18
HSL	10°, 41%, 69%
HSV	10°, 31%, 82%
XYZ	42.5260, 38.5043, 31.1773
YIQ	168.8920, 35.7150, 8.0270

Conversions

Conversions Part 2

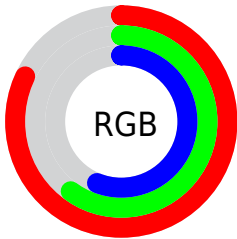
Format	Color
R_{YB}	208, 156, 143
Decimal	13671055
CIE _{Lab}	68.39, 18.67, 13.68
CIE _{LCh}	68, 23.143, 36.231
Yxy	38.5043, 0.3790, 0.3432
Android (android.graphics.Color)	4291861135 (0xFFD09A8F)
YUV	168.8920, -12.7648, 34.2977
Hunter-Lab	62.0518, 13.7407, 13.6466

Details

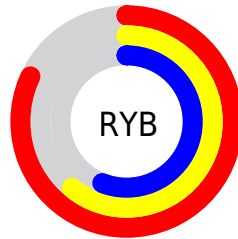
The XYZ color **42.5260, 38.5043, 31.1773** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6785, 50.3246, 67.1390**, and the grayscale version is **37.7083, 39.6721, 43.2029**.

A 20% lighter version of the original color is **74.1185, 70.8921, 62.6004**, and **19.7749, 17.1662, 12.6271** is the 20% darker color. If you saturate the color by 10%, you get **38.4447, 32.6338, 22.7505**, and if you desaturate by 10%, it is **47.3120, 45.3163, 41.2812**.

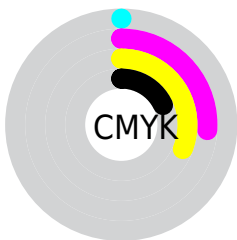
Distribution



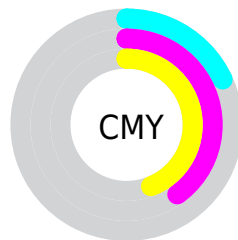
- Red (82%)
- Green (60%)
- Blue (56%)



- Red (82%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5260, 38.5043, 31.1773 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 42.5260, 38.5043, 31.1773 by changing the saturation by 10% instead.


 42.5260, 38.5043,
31.1773


 42.5260, 38.5043,
31.1773


347.6134,
339.7784, 321.7308

 29.7063, 26.3743,
20.4743


 78.2553, 72.8804,
62.6020

 19.7627, 17.1039,
12.5528


 101.8955, 95.8954,
84.1607

 12.3299, 10.3086,
6.9942


129.8734,
123.3075, 110.1751

 7.0426, 5.6040,
3.3801

162.5541,
155.5010, 141.0636

 3.5353, 2.6058,
1.2918

200.3032,
192.8605, 177.2450

 1.4428, 0.9296,
0.0551

243.4858,

 0.2864, 0.0000,

235.7703, 219.1376

0.0000

292.4675,
284.6148, 267.1600

■ 0.0000, 0.0000,
0.0000

■ 42.5260, 38.5043,
31.1773

■ 42.5260, 38.5043,
31.1773

■ 38.4447, 32.6338,
22.7505

■ 47.3120, 45.3163,
41.2812

■ 35.0315, 27.6580,
15.9074

■ 52.8311, 53.1032,
53.1440

■ 32.2508, 23.5341,
10.5491

■ 59.1136, 61.9034,
66.8448

■ 30.0628, 20.2139,
6.5646

■ 66.1874, 71.7515,
82.4574

■ 28.4225, 17.6439,
3.8271

■ 74.0788, 82.6806,
100.0514

■ 27.2783, 15.7641,
2.1860

■ 79.8225, 92.1499,
108.1874

■ 26.6199, 14.6246,
1.4198

Harmonies

Analogous

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



43.9897, 38.5043, 39.7906



42.5260, 38.5043, 31.1773



39.4855, 38.5043, 26.1518

Triad

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



42.5260, 38.5043, 31.1773



30.5693, 38.5043, 34.3672



37.3606, 38.5043, 65.1224

Complementary

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



42.5260, 38.5043, 31.1773



42.6785, 50.3246, 67.1390

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.



33.8533, 38.5043, 63.0277



42.5260, 38.5043, 31.1773



30.0830, 38.5043, 44.1336

Square

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



42.5260, 38.5043, 31.1773



32.6219, 38.5043, 27.7692



31.2467, 38.5043, 54.8952



40.8830, 38.5043, 60.2210

Rectangle

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



42.5260, 38.5043, 31.1773



37.0583, 38.5043, 24.9631



31.2467, 38.5043, 54.8952



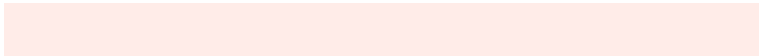
36.1399, 38.5043, 65.2229

Sweetspot

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



42.5270, 38.5061, 31.1781



85.7894, 87.0427, 88.6605



45.9324, 37.0941, 57.6628



18.0626, 18.2096, 18.3262



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.



42.5270, 38.5061, 31.1781



63.2900, 55.1165, 40.8594



48.5999, 50.6518, 33.2024



11.9682, 12.1271, 12.3220



16.6394, 9.2119, 0.9011



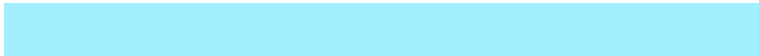
0.9815, 0.6173, 0.0674

Inverse Universe

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



42.6785, 50.3246, 67.1390



63.5519, 76.5095, 106.0260



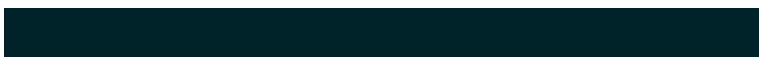
36.1084, 37.1843, 64.9489



11.9810, 13.0522, 15.1315



16.4458, 21.5383, 40.4830



0.9657, 1.2966, 2.2789

Previews

White Background



This preview shows how the XYZ color 42.5260, 38.5043, 31.1773 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 42.5260, 38.5043, 31.1773 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 42.5260, 38.5043, 31.1773

Background



This preview shows how black text looks on a background with the XYZ color 42.5260, 38.5043, 31.1773.



This preview shows how white text looks on a background with the XYZ color 42.5260, 38.5043,

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

42.5260, 38.5043, 31.1773

Protanopia

36.6991, 38.8060, 33.9898

Deuteranopia

39.3656, 38.6492, 30.9764



Tritanopia

44.2558, 38.4792, 39.7450

Trichromacy



Original Color

42.5260, 38.5043, 31.1773

Protanomaly

38.4365, 38.3863, 32.9872

Deuteranomaly

40.3980, 38.4125, 30.8763

Tritanomaly

43.5235, 38.4121, 36.5728

Monochromacy



Original Color

42.5260, 38.5043, 31.1773

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.1491, 39.1563, 38.7522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5260, 38.5043, 31.1773 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(208, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 143)  
}
```

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(208, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.5260, 38.5043, 31.1773 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(208, 154, 143) }
```


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

```
.border{ border-color:rgb(208, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5260, 38.5043, 31.1773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 143) }
```

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

```
.background{ background-color: rgb(208,  
154, 143) }
```

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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