

Converting Colors

XYZ(56.0979, 59.2266, 54.5509)

Have a look what the booklet for
XYZ(56.0979, 59.2266, 54.5509)
contains.

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Color

**XYZ(56.1720, 59.2992,
54.3842)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D1CAB9 |
| RGB | 209, 202, 185 |
| RGB Percent | 82%, 79%, 73% |
| CMY | 0.1804, 0.2078, 0.2745 |
| CMYK | 0.00, 0.03, 0.11, 0.18 |
| HSL | 43°, 21%, 77% |
| HSV | 43°, 11%, 82% |
| XYZ | 56.1720, 59.2992, 54.3842 |
| YIQ | 202.1550, 9.6290, -3.8030 |

Conversions

Conversions Part 2

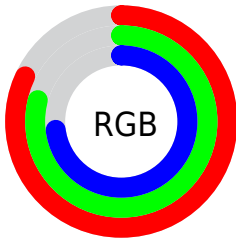
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 195, 209, 185 |
| Decimal | 13748921 |
| CIE _{Lab} | 81.46, -0.47, 9.34 |
| CIE _{LCh} | 81, 9.355, 92.897 |
| Yxy | 59.2992, 0.3307, 0.3491 |
| Android (android.graphics.Color) | 4291939001 (0xFFD1CAB9) |
| YUV | 202.1550, -8.4574, 6.0031 |
| Hunter-Lab | 77.0060, -4.5536, 12.0316 |

Details

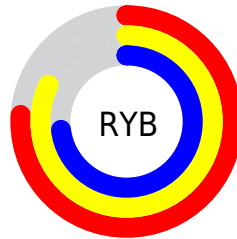
The XYZ color **56.1720, 59.2992, 54.3842** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3657, 52.6160, 67.8235**, and the grayscale version is **56.2841, 59.2152, 64.4854**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **28.0812, 29.7158, 26.0855** is the 20% darker color. If you saturate the color by 10%, you get **52.7251, 55.6801, 43.1384**, and if you desaturate by 10%, it is **60.0030, 63.1662, 67.3596**.

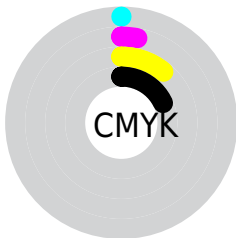
Distribution



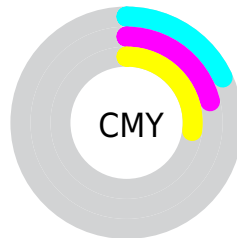
- Red (82%)
- Green (79%)
- Blue (73%)



- Red (76%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1720, 59.2992, 54.3842 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 56.1720, 59.2992, 54.3842 by changing the saturation by 10% instead.

■ 56.1720, 59.2992,
54.3842

■ 56.1720, 59.2992,
54.3842

400.4039,
422.0098, 420.7894

■ 40.5784, 42.8540,
38.5136

■ 98.3944, 103.8124,
98.1002

■ 28.1760, 29.7706,
26.0767

125.7538,
132.6492, 126.7827

■ 18.5995, 19.6645,
16.6547

157.7660,
166.3853, 160.5730

■ 11.4835, 12.1514,
9.8293

194.7961,
205.4052, 199.8896

■ 6.4627, 6.8469,
5.1818

237.2096,
250.0932, 245.1509

■ 3.1718, 3.3665,
2.2937

285.3718,

■ 1.2452, 1.3260,

300.8337, 296.7757

0.7277

339.6481,
358.0111, 355.1823

■ 0.1416, 0.1612,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1720, 59.2992,
54.3842

■ 56.1720, 59.2992,
54.3842

■ 52.7251, 55.6801,
43.1384

■ 60.0030, 63.1662,
67.3596

■ 49.6426, 52.2941,
33.5439

■ 64.2271, 67.2797,
82.1307

■ 46.9105, 49.1364,
25.5222

■ 68.8590, 71.6487,
98.7648

■ 44.5116, 46.1992,
18.9865

■ 71.6429, 75.3718,
105.3800

42.4272, 43.4739,
13.8420

73.3328, 78.7515,
105.9432

40.6367, 40.9511,
9.9824

75.0821, 82.2502,
106.5264

39.1161, 38.6202,
7.2864

76.8915, 85.8690,
107.1295

37.8374, 36.4687,
5.6087

78.7616, 89.6092,
107.7529

36.8970, 34.7600,
4.7647

80.1047, 92.2954,
108.2006

Harmonies

Analogous

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



58.0951, 59.2992, 55.4348



56.1720, 59.2992, 54.3842



54.3416, 59.2992, 55.9286

Triad

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



56.1720, 59.2992, 54.3842



53.2592, 59.2992, 70.6029



59.7810, 59.2992, 69.6055

Complementary

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



56.1720, 59.2992, 54.3842



50.3657, 52.6160, 67.8235

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.



58.4321, 59.2992, 74.0514



56.1720, 59.2992, 54.3842



54.6639, 59.2992, 74.6503

Square

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



56.1720, 59.2992, 54.3842



52.6845, 59.2992, 65.1134



56.5526, 59.2992, 75.9470



60.2071, 59.2992, 64.0232

Rectangle

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



56.1720, 59.2992, 54.3842



53.4119, 59.2992, 58.2773



56.5526, 59.2992, 75.9470



59.4190, 59.2992, 71.2932

Sweetspot

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



56.1736, 59.3018, 54.3855



93.1353, 98.1025, 102.3061



53.1808, 52.0687, 57.2335



19.8273, 20.8907, 21.5299



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.



56.1736, 59.3018, 54.3855



86.5954, 91.4496, 80.3126



56.5148, 61.9700, 54.8825



12.5002, 13.1912, 12.4994



22.8381, 21.6091, 2.9673



1.3436, 1.3415, 0.1881

Inverse Universe

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



50.3657, 52.6160, 67.8235



75.5689, 78.7569, 105.8264



50.0436, 50.2236, 67.3787



11.4404, 11.9712, 14.9513



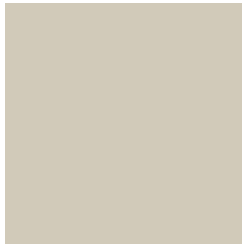
8.1966, 5.0398, 37.7333



0.5269, 0.4191, 2.1327

Previews

White Background



This preview shows how the XYZ color 56.1720, 59.2992, 54.3842 looks on a white background.

Color Contrast Check

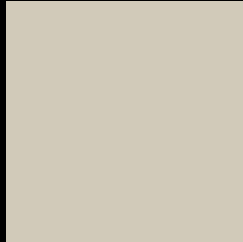
Large Text (above 18pt) WCAG AA × Fail

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 56.1720, 59.2992, 54.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

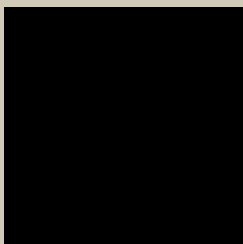
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

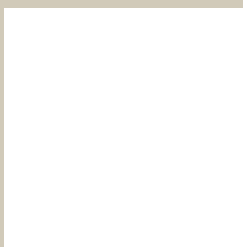
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1720, 59.2992, 54.3842

Background



This preview shows how black text looks on a background with the XYZ color 56.1720, 59.2992, 54.3842.

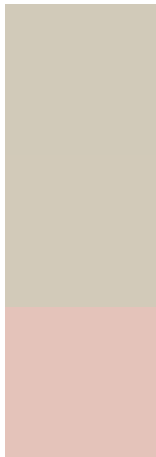


This preview shows how white text looks on a background with the XYZ color 56.1720, 59.2992,

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

56.1720, 59.2992, 54.3842

Protanopia

56.4558, 59.4455, 54.3975

Deuteranopia

60.3729, 59.0694, 54.6739



Tritanopia

59.6449, 59.3384, 71.2606

Trichromacy



Original Color

56.1720, 59.2992, 54.3842

Protanomaly

56.4558, 59.4455, 54.3975

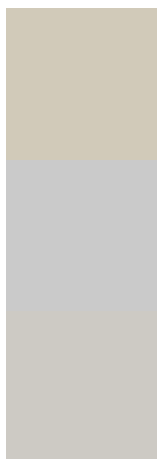
Deuteranomaly

58.8758, 59.3055, 54.7984

Tritanomaly

58.3543, 59.1557, 64.8425

Monochromacy



Original Color

56.1720, 59.2992, 54.3842

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2612, 59.2057, 60.6871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1720, 59.2992, 54.3842 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(209, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 185)  
}
```

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(209, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.1720, 59.2992, 54.3842 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(209, 202, 185) }
```


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

```
.border{ border-color:rgb(209, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 202, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 202, 185); box-shadow:4px 4px 4px 4px rgb(209, 202, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1720, 59.2992, 54.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 185) }
```

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

```
.background{ background-color: rgb(209,  
202, 185) }
```

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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