

Converting Colors

XYZ(59.2542, 63.3941, 52.2275)

Have a look what the booklet for
XYZ(59.2542, 63.3941, 52.2275)
contains.

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Color

**XYZ(59.3576, 63.4951,
52.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D1B4
RGB	216, 209, 180
RGB Percent	85%, 82%, 71%
CMY	0.1529, 0.1804, 0.2941
CMYK	0.00, 0.03, 0.17, 0.15
HSL	48°, 32%, 78%
HSV	48°, 17%, 85%
XYZ	59.3576, 63.4951, 52.3073
YIQ	207.7870, 13.4810, -7.5350

Conversions

Conversions Part 2

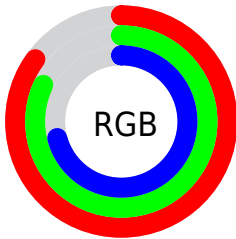
Format	Color
R _{YB}	189, 216, 180
Decimal	14209460
CIE Lab	83.70, -2.37, 15.26
CIE LCh	84, 15.445, 98.823
Yxy	63.4951, 0.3389, 0.3625
Android (android.graphics.Color)	4292399540 (0xFFD8D1B4)
YUV	207.7870, -13.6990, 7.2028
Hunter-Lab	79.6838, -6.4795, 16.8586

Details

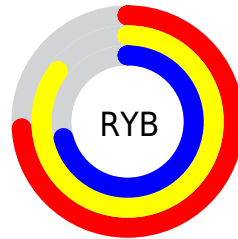
The XYZ color **59.3576, 63.4951, 52.3073** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.9873, 50.2009, 72.0742**, and the grayscale version is **59.8974, 63.0168, 68.6253**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.2501, 32.5521, 24.7675** is the 20% darker color. If you saturate the color by 10%, you get **56.3107, 60.6523, 41.2684**, and if you desaturate by 10%, it is **62.7780, 66.5350, 65.1640**.

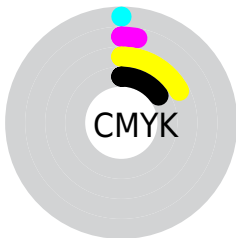
Distribution



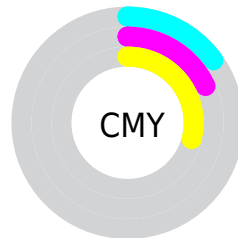
- Red (85%)
- Green (82%)
- Blue (71%)



- Red (74%)
- Yellow (85%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3576, 63.4951, 52.3073 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 59.3576, 63.4951, 52.3073 by changing the saturation by 10% instead.

■ 59.3576, 63.4951,
52.3073

■ 59.3576, 63.4951,
52.3073

412.0986,
437.3641, 412.6125

■ 43.1485, 46.2419,
36.8661

■ 103.0089,
109.8835, 95.0155

■ 30.1967, 32.4367,
24.8089

131.1818,
139.7874, 123.1196

■ 20.1367, 21.6953,
15.7170

164.0734,
174.6770, 156.2817

■ 12.6033, 13.6332,
9.1719

202.0490,
214.9367, 194.9205

■ 7.2311, 7.8660,
4.7552

245.4739,
260.9508, 239.4544

■ 3.6546, 4.0093,
2.0481

294.7136,

■ 1.5087, 1.6788,

313.1039, 290.3020

0.5846

350.1334,
371.7801, 347.8819

■ 0.3317, 0.4099,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3576, 63.4951,
52.3073

■ 59.3576, 63.4951,
52.3073

■ 56.3107, 60.6523,
41.2684

■ 62.7780, 66.5350,
65.1640

■ 53.6162, 57.9913,
31.9599

■ 66.5818, 69.7699,
79.9125

■ 51.2584, 55.5078,
24.2930

■ 70.7849, 73.2086,
96.6276

■ 49.2186, 53.1940,
18.1695

■ 73.5098, 76.1004,
105.4222

■ 47.4759, 51.0410,
13.4808

■ 74.6639, 78.4086,
105.8069

■ 46.0068, 49.0392,
10.1039

■ 75.8461, 80.7730,
106.2010

■ 44.7837, 47.1772,
7.8953

■ 77.0567, 83.1941,
106.6045

■ 43.7715, 45.4406,
6.6707

■ 78.2957, 85.6722,
107.0175

■ 43.4602, 44.8812,
6.3723

■ 79.5635, 88.2077,
107.4401

Harmonies

Analogous

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



62.7314, 63.4951, 53.1738



59.3576, 63.4951, 52.3073



56.3621, 63.4951, 55.6096

Triad

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



59.3576, 63.4951, 52.3073



55.4214, 63.4951, 81.4886



66.6233, 63.4951, 76.0881

Complementary

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



59.3576, 63.4951, 52.3073



48.9873, 50.2009, 72.0742

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.



64.5221, 63.4951, 84.6937



59.3576, 63.4951, 52.3073



58.0300, 63.4951, 88.0086

Square

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



59.3576, 63.4951, 52.3073



54.1460, 63.4951, 72.0334



61.3538, 63.4951, 89.2333



67.0111, 63.4951, 66.3162

Rectangle

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



59.3576, 63.4951, 52.3073



54.9525, 63.4951, 59.9301



61.3538, 63.4951, 89.2333



66.0902, 63.4951, 79.2381

Sweetspot

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



59.3593, 63.4979, 52.3087



92.2793, 97.6352, 98.1832



53.6320, 50.8387, 54.1130



19.6707, 20.8281, 20.7051



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.



59.3593, 63.4979, 52.3087



84.8185, 90.9785, 70.2169



58.0268, 65.4153, 52.7490



13.2582, 14.0907, 13.1817



25.8002, 26.7175, 3.7972



1.6099, 1.7189, 0.2469

Inverse Universe

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



48.9873, 50.2009, 72.0742



66.9758, 68.1053, 104.2234



50.1523, 48.6517, 71.7137



11.9360, 12.3955, 15.7010



7.8858, 4.0334, 38.8161



0.5339, 0.3599, 2.3606

Previews

White Background



This preview shows how the XYZ color 59.3576, 63.4951, 52.3073 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 59.3576, 63.4951, 52.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

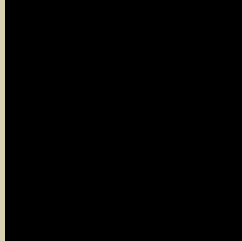
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

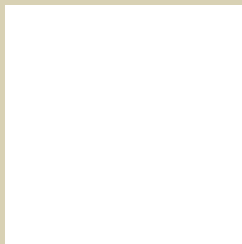
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3576, 63.4951, 52.3073

Background



This preview shows how black text looks on a background with the XYZ color 59.3576, 63.4951, 52.3073.



This preview shows how white text looks on a background with the XYZ color 59.3576, 63.4951,

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

59.3576, 63.4951, 52.3073

Protanopia

60.0075, 63.4671, 52.2677

Deuteranopia

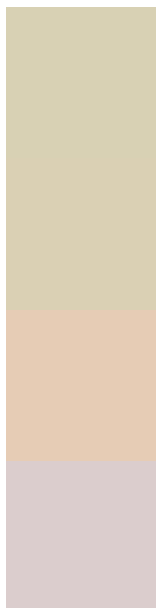
64.5900, 63.3278, 53.0752



Tritanopia

63.9609, 63.1985, 75.8453

Trichromacy



Original Color

59.3576, 63.4951, 52.3073

Protanomaly

59.7075, 63.3125, 52.2536

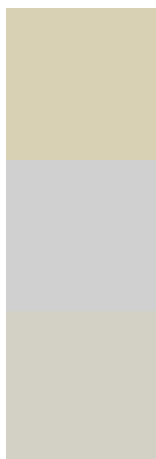
Deuteranomaly

62.5665, 63.3449, 52.6452

Tritanomaly

62.0642, 63.1305, 66.6719

Monochromacy



Original Color

59.3576, 63.4951, 52.3073

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6129, 63.0379, 62.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3576, 63.4951, 52.3073 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(216, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 209, 180)  
}
```

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(216, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 209, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.3576, 63.4951, 52.3073 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(216, 209, 180) }
```


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

```
.border{ border-color:rgb(216, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(216, 209,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3576, 63.4951, 52.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 209, 180) }
```

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

```
.background{ background-color: rgb(216,  
209, 180) }
```

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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