

Converting Colors

XYZ(60.0734, 62.0460, 56.8761)

Have a look what the booklet for
XYZ(60.0734, 62.0460, 56.8761)
contains.

XYZ(59.9916, 61.9199, 56.9340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.9916, 61.9199,
56.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCCBD
RGB	219, 204, 189
RGB Percent	86%, 80%, 74%
CMY	0.1412, 0.2000, 0.2588
CMYK	0.00, 0.07, 0.14, 0.14
HSL	30°, 29%, 80%
HSV	30°, 14%, 86%
XYZ	59.9916, 61.9199, 56.9340
YIQ	206.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

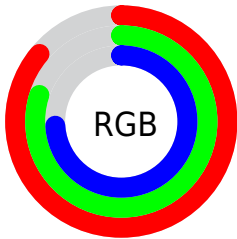
Format	Color
RYB	219, 219, 189
Decimal	14404797
CIELab	82.87, 2.73, 9.34
CIELCh	83, 9.731, 73.703
Yxy	61.9199, 0.3354, 0.3462
Android (android.graphics.Color)	4292594877 (0xFFDBCCBD)
YUV	206.7750, -8.7631, 10.7213
Hunter-Lab	78.6892, -1.6201, 12.1843

Details

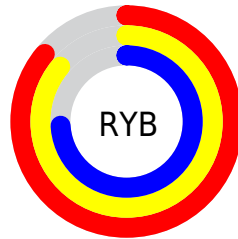
The XYZ color **59.9916, 61.9199, 56.9340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3652, 59.1180, 75.5113**, and the grayscale version is **59.2132, 62.2969, 67.8413**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **30.6601, 31.4828, 27.7534** is the 20% darker color. If you saturate the color by 10%, you get **55.2810, 56.0196, 44.5077**, and if you desaturate by 10%, it is **65.2475, 68.3351, 71.3145**.

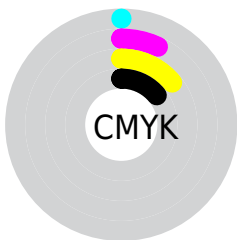
Distribution



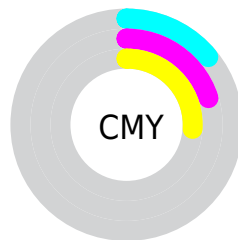
- Red (86%)
- Green (80%)
- Blue (74%)



- Red (86%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9916, 61.9199, 56.9340 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 59.9916, 61.9199, 56.9340 by changing the saturation by 10% instead.


 59.9916, 61.9199,
56.9340

 59.9916, 61.9199,
56.9340


414.4020,
431.6389, 430.6888

 43.6613, 44.9680,
40.5432

 103.9239,
107.6098, 101.8683

 30.6011, 31.4322,
27.6454


132.2566,
137.1165, 131.2488

 20.4456, 20.9282,
17.8218


165.3208,
171.5769, 165.7964

 12.8295, 13.0715,
10.6540

203.4819,
211.3755, 205.9296

 7.3874, 7.4778,
5.7235

247.1052,
256.8966, 252.0669

 3.7540, 3.7627,
2.6116

296.5561,

 1.5639, 1.5417,

308.5246, 304.6268

0.8984

352.1999,
366.6439, 364.0279

■ 0.3687, 0.3178,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9916, 61.9199,
56.9340

■ 59.9916, 61.9199,
56.9340

■ 55.2810, 56.0196,
44.5077

■ 65.2475, 68.3351,
71.3145

■ 51.0908, 50.6122,
33.9459

■ 71.0624, 75.2701,
87.7256

■ 47.4016, 45.6856,
25.1578

■ 77.4555, 82.7406,
106.2445

■ 44.1908, 41.2246,
18.0433

■ 80.7677, 89.2882,
107.5852

■ 41.4335, 37.2124,
12.4921

■ 83.0237, 93.8002,
108.3372

■ 39.1021, 33.6313,
8.3806

■ 37.1655, 30.4617,
5.5661

■ 35.5865, 27.6812,
3.8758

■ 34.7390, 26.1109,
3.2090

Harmonies

Analogous

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



61.8160, 61.9199, 59.7532



59.9916, 61.9199, 56.9340



57.9031, 61.9199, 56.8132

Triad

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



59.9916, 61.9199, 56.9340



55.0224, 61.9199, 70.1926



61.6827, 61.9199, 76.1166

Complementary

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



59.9916, 61.9199, 56.9340



55.3652, 59.1180, 75.5113

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.



59.8132, 61.9199, 79.2715



59.9916, 61.9199, 56.9340



55.9863, 61.9199, 75.7166

Square

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



59.9916, 61.9199, 56.9340



55.0675, 61.9199, 64.2318



57.7289, 61.9199, 79.1210



62.8081, 61.9199, 70.7125

Rectangle

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



59.9916, 61.9199, 56.9340



56.6441, 61.9199, 58.2636



57.7289, 61.9199, 79.1210



61.1186, 61.9199, 77.4893

Sweetspot

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



59.9933, 61.9226, 56.9353



91.8459, 96.1503, 99.9443



58.3109, 55.8158, 64.8277



19.5329, 20.4280, 21.0429



0.0000, 0.0000, 0.0000



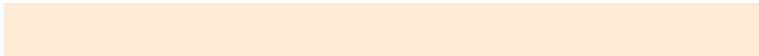
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9933, 61.9226, 56.9353



82.9987, 85.3163, 75.8455



63.7309, 69.3979, 58.1812



13.5914, 14.1221, 13.7351



20.7080, 15.7016, 1.9393



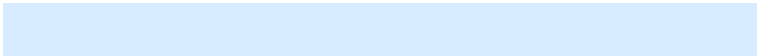
1.4277, 1.1896, 0.1544

Inverse Universe

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



55.3652, 59.1180, 75.5113



75.4323, 80.7310, 106.2147



51.9709, 52.3294, 74.3799



12.8737, 13.6872, 16.6155



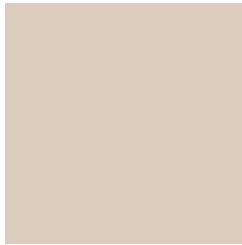
10.9637, 9.7968, 41.0515



0.7965, 0.8070, 2.6882

Previews

White Background



This preview shows how the XYZ color 59.9916, 61.9199, 56.9340 looks on a white background.

Color Contrast Check

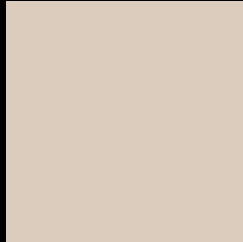
Large Text (above 18pt) WCAG AA × Fail

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 59.9916, 61.9199, 56.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

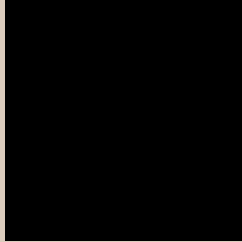
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9916, 61.9199, 56.9340

Background



This preview shows how black text looks on a background with the XYZ color 59.9916, 61.9199, 56.9340.

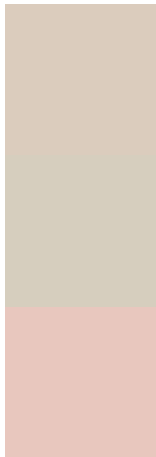


This preview shows how white text looks on a background with the XYZ color 59.9916, 61.9199,

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

59.9916, 61.9199, 56.9340

Protanopia

59.0971, 62.1565, 57.5978

Deuteranopia

62.9964, 61.7204, 57.3081



Tritanopia

63.4804, 61.9544, 73.5784

Trichromacy



Original Color

59.9916, 61.9199, 56.9340

Protanomaly

59.4445, 61.9793, 57.5453

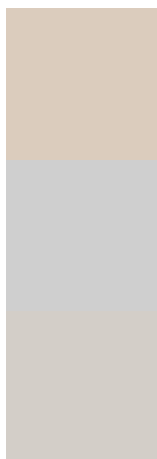
Deuteranomaly

61.8595, 61.8219, 57.3877

Tritanomaly

62.1514, 61.7591, 67.0375

Monochromacy



Original Color

59.9916, 61.9199, 56.9340

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3606, 62.1616, 63.5133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9916, 61.9199, 56.9340 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(219, 204, 189) looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 189)  
}
```

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(219, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 189) }
```

Border

The CSS property to change the border of an element to XYZ 59.9916, 61.9199, 56.9340 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(219, 204, 189) }
```


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

```
.border{ border-color:rgb(219, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 204, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 204, 189); box-shadow:4px 4px 4px 4px rgb(219, 204, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9916, 61.9199, 56.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 189) }
```

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

```
.background{ background-color: rgb(219,  
204, 189) }
```

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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