

Converting Colors

XYZ(60.2793, 62.4062, 56.8276)

Have a look what the booklet for
XYZ(60.2793, 62.4062, 56.8276)
contains.

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Color

**XYZ(60.2300, 62.3968,
57.0134)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCDBD
RGB	219, 205, 189
RGB Percent	86%, 80%, 74%
CMY	0.1412, 0.1961, 0.2588
CMYK	0.00, 0.06, 0.14, 0.14
HSL	32°, 29%, 80%
HSV	32°, 14%, 86%
XYZ	60.2300, 62.3968, 57.0134
YIQ	207.3620, 13.4800, -2.0080

Conversions

Conversions Part 2

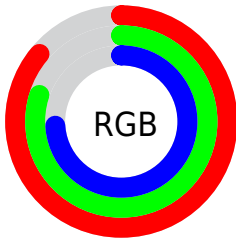
Format	Color
R _Y B	215, 219, 189
Decimal	14405053
CIE Lab	83.12, 2.21, 9.70
CIE LCh	83, 9.950, 77.186
Yxy	62.3968, 0.3353, 0.3473
Android (android.graphics.Color)	4292595133 (0xFFDBCDBD)
YUV	207.3620, -9.0525, 10.2065
Hunter-Lab	78.9916, -2.1317, 12.5007

Details

The XYZ color **60.2300, 62.3968, 57.0134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1281, 58.6439, 75.4322**, and the grayscale version is **59.5935, 62.6970, 68.2770**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **30.8204, 31.8033, 27.8068** is the 20% darker color. If you saturate the color by 10%, you get **55.6658, 56.7894, 44.6359**, and if you desaturate by 10%, it is **65.3162, 68.4725, 71.3373**.

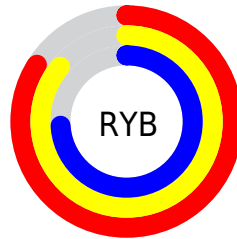
Distribution



Red (86%)

Green (80%)

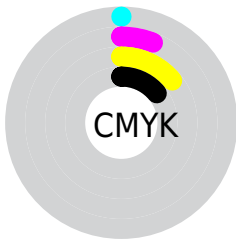
Blue (74%)



Red (84%)

Yellow (86%)

Blue (74%)

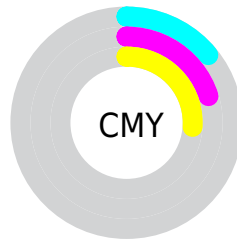


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2300, 62.3968, 57.0134 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 60.2300, 62.3968, 57.0134 by changing the saturation by 10% instead.

■ 60.2300, 62.3968,
57.0134

■ 60.2300, 62.3968,
57.0134

415.2662,
433.3770, 430.9947

■ 43.8542, 45.3534,
40.6066

■ 104.2677,
108.2988, 101.9853

■ 30.7533, 31.7359,
27.6944

132.6603,
137.9262, 131.3874

■ 20.5620, 21.1598,
17.8584

165.7892,
172.5171, 165.9583

■ 12.9148, 13.2409,
10.6800

204.0199,
212.4558, 206.1167

■ 7.4465, 7.5946,
5.7406

247.7175,
258.1267, 252.2809

■ 3.7917, 3.8367,
2.6218

297.2475,

■ 1.5850, 1.5826,

309.9143, 304.8697

0.9037

352.9753,
368.2030, 364.3014

■ 0.3826, 0.3458,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2300, 62.3968,
57.0134

■ 60.2300, 62.3968,
57.0134

■ 55.6658, 56.7894,
44.6359

■ 65.3162, 68.4725,
71.3373

■ 51.5995, 51.6296,
34.1155

■ 70.9374, 75.0202,
87.6839

■ 48.0123, 46.9071,
25.3614

■ 77.1122, 82.0540,
106.1299

■ 44.8824, 42.6079,
18.2738

■ 80.1808, 88.1145,
107.3896

■ 42.1858, 38.7171,
12.7428

■ 83.0236, 93.8002,
108.3372

■ 39.8957, 35.2185,
8.6451

■ 37.9819, 32.0944,
5.8382

■ 36.4080, 29.3243,
4.1497

■ 35.5553, 27.7435,
3.4811

Harmonies

Analogous

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



62.1670, 62.3968, 59.6015



60.2300, 62.3968, 57.0134



58.0905, 62.3968, 57.2221

Triad

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



60.2300, 62.3968, 57.0134



55.4354, 62.3968, 71.5062



62.3978, 62.3968, 76.3273

Complementary

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



60.2300, 62.3968, 57.0134



55.1281, 58.6439, 75.4322

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.



60.5389, 62.3968, 79.9180



60.2300, 62.3968, 57.0134



56.5347, 62.3968, 77.0210

Square

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



60.2300, 62.3968, 57.0134



55.3572, 62.3968, 65.3415



58.3921, 62.3968, 80.1793



63.4388, 62.3968, 70.6055

Rectangle

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



60.2300, 62.3968, 57.0134



56.8372, 62.3968, 58.9177



58.3921, 62.3968, 80.1793



61.8459, 62.3968, 77.8382

Sweetspot

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



60.2317, 62.3996, 57.0147



91.9516, 96.3617, 99.9795



58.1912, 55.7679, 64.1979



19.5597, 20.4815, 21.0518



0.0000, 0.0000, 0.0000



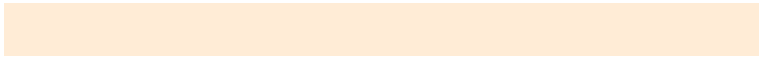
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2317, 62.3996, 57.0147



83.3888, 86.0965, 75.9756



63.4308, 69.2431, 58.1671



13.6283, 14.1960, 13.7474



21.1932, 16.6719, 2.1010



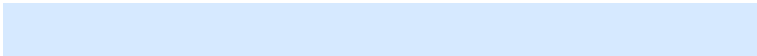
1.4590, 1.2520, 0.1648

Inverse Universe

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



55.1281, 58.6439, 75.4322



75.0452, 79.9568, 106.0856



52.2198, 52.4577, 74.3914



12.8369, 13.6136, 16.6032



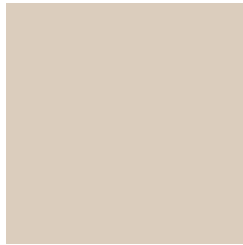
10.5163, 8.9020, 40.9024



0.7670, 0.7481, 2.6784

Previews

White Background



This preview shows how the XYZ color 60.2300, 62.3968, 57.0134 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 60.2300, 62.3968, 57.0134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

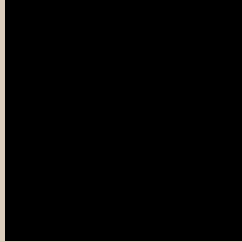
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

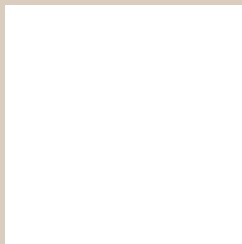
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2300, 62.3968, 57.0134

Background



This preview shows how black text looks on a background with the XYZ color 60.2300, 62.3968, 57.0134.

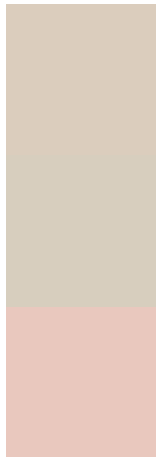


This preview shows how white text looks on a background with the XYZ color 60.2300, 62.3968,

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

60.2300, 62.3968, 57.0134

Protanopia

59.3899, 62.3074, 57.6115

Deuteranopia

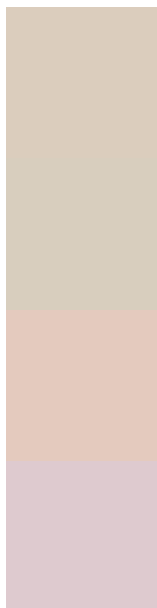
63.5528, 62.3499, 57.4003



Tritanopia

63.8425, 62.4710, 74.3389

Trichromacy



Original Color

60.2300, 62.3968, 57.0134

Protanomaly

59.6845, 62.4592, 57.6253

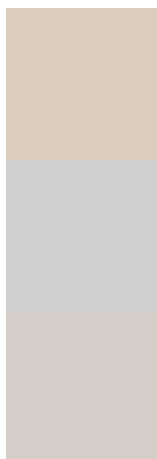
Deuteranomaly

62.4097, 62.4527, 57.4804

Tritanomaly

62.5072, 62.2756, 67.7574

Monochromacy



Original Color

60.2300, 62.3968, 57.0134

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 60.2300, 62.3968, 57.0134 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, 205, 189) looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 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, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 189) }
```

Border

The CSS property to change the border of an element to XYZ 60.2300, 62.3968, 57.0134 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, 205, 189) }
```


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

```
.border{ border-color:rgb(219, 205, 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, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2300, 62.3968, 57.0134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 189) }
```

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

```
.background{ background-color: rgb(219,  
205, 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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