

Converting Colors

XYZ(59.1654, 62.9383, 61.8273)

Have a look what the booklet for
XYZ(59.1654, 62.9383, 61.8273)
contains.

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Color

**XYZ(59.2123, 62.8446,
61.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D0C5
RGB	210, 208, 197
RGB Percent	82%, 82%, 77%
CMY	0.1765, 0.1843, 0.2274
CMYK	0.00, 0.01, 0.06, 0.18
HSL	51°, 13%, 80%
HSV	51°, 6%, 82%
XYZ	59.2123, 62.8446, 61.8327
YIQ	207.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

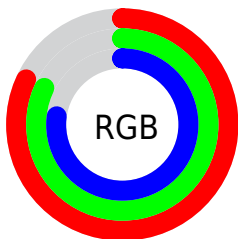
Format	Color
RYB	199, 210, 197
Decimal	13816005
CIELab	83.36, -1.25, 5.69
CIELCh	83, 5.825, 102.347
Yxy	62.8446, 0.3220, 0.3418
Android (android.graphics.Color)	4292006085 (0xFFD2D0C5)
YUV	207.3440, -5.0996, 2.3293
Hunter-Lab	79.2746, -5.4041, 9.2471

Details

The XYZ color **59.2123, 62.8446, 61.8327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0823, 57.3695, 69.1439**, and the grayscale version is **59.5612, 62.6630, 68.2400**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.2238, 32.1623, 30.6016** is the 20% darker color. If you saturate the color by 10%, you get **56.1941, 60.3941, 49.7705**, and if you desaturate by 10%, it is **62.5852, 65.4667, 75.6685**.

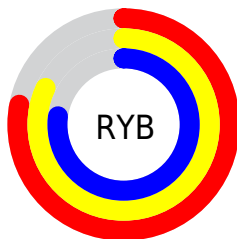
Distribution



Red (82%)

Green (82%)

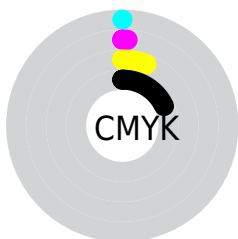
Blue (77%)



Red (78%)

Yellow (82%)

Blue (77%)

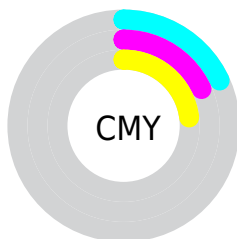


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2123, 62.8446, 61.8327 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 59.2123, 62.8446, 61.8327 by changing the saturation by 10% instead.

■ 59.2123, 62.8446,
61.8327

■ 59.2123, 62.8446,
61.8327

411.5696,
435.0053, 449.3114

■ 43.0311, 45.7155,
44.4626

102.7990,
108.9453, 109.0529

■ 30.1041, 32.0214,
30.6945

130.9352,
138.6857, 139.7402

■ 20.0661, 21.3778,
20.1098

163.7871,
173.3986, 175.7036

■ 12.5516, 13.4005,
12.2900

201.7201,
213.4685, 217.3616

■ 7.1954, 7.7049,
6.8166

245.0995,
259.2797, 265.1329

■ 3.6320, 3.9067,
3.2710

294.2906,

■ 1.4961, 1.6215,

311.2166, 319.4359

1.2346

349.6589,
369.6637, 380.6892

■ 0.3232, 0.3720,
0.0073

■ 0.0000, 0.0000,
0.0000

■ 59.2123, 62.8446,
61.8327

■ 59.2123, 62.8446,
61.8327

■ 56.1941, 60.3941,
49.7705

■ 62.5852, 65.4667,
75.6685

■ 53.5116, 58.1012,
39.4052

■ 66.3208, 68.2575,
91.3423

■ 51.1516, 55.9626,
30.6605

■ 69.6171, 70.8985,
104.6233

■ 49.0982, 53.9718,
23.4529

■ 70.4599, 72.5842,
104.9043

■ 47.3341, 52.1216,
17.6911

■ 71.3191, 74.3025,
105.1906

■ 45.8398, 50.4043,
13.2743

■ 72.1947, 76.0538,
105.4825

■ 44.5938, 48.8109,
10.0888

■ 73.0868, 77.8380,
105.7799

■ 43.5708, 47.3312,
8.0018

■ 73.9956, 79.6556,
106.0828

■ 42.7390, 45.9523,
6.8468

■ 74.9211, 81.5065,
106.3913

Harmonies

Analogous

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



60.4740, 62.8446, 61.9892



59.2123, 62.8446, 61.8327



58.1052, 62.8446, 63.3970

Triad

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



59.2123, 62.8446, 61.8327



57.9487, 62.8446, 73.2373



62.0845, 62.8446, 70.5657

Complementary

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



59.2123, 62.8446, 61.8327



55.0823, 57.3695, 69.1439

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.



61.3887, 62.8446, 73.7164



59.2123, 62.8446, 61.8327



58.9959, 62.8446, 75.2960

Square

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



59.2123, 62.8446, 61.8327



57.3826, 62.8446, 69.9304



60.2545, 62.8446, 75.4744



62.1444, 62.8446, 66.9455

Rectangle

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



59.2123, 62.8446, 61.8327



57.5991, 62.8446, 65.2385



60.2545, 62.8446, 75.4744



61.9168, 62.8446, 71.7179

Sweetspot

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



59.2140, 62.8473, 61.8341



93.9903, 99.1772, 104.5496



56.8737, 57.7664, 62.2877



20.1289, 21.2367, 22.4235



0.0000, 0.0000, 0.0000



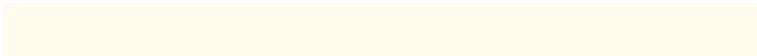
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2140, 62.8473, 61.8341



91.4398, 97.1668, 94.1714



58.4867, 63.1995, 61.9404



12.7696, 13.5775, 13.0590



25.9533, 27.8397, 4.0057



1.4939, 1.6422, 0.2382

Inverse Universe

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



55.0823, 57.3695, 69.1439



84.1532, 87.5064, 107.0628



55.7771, 57.0504, 69.0457



11.6885, 12.1442, 14.9717



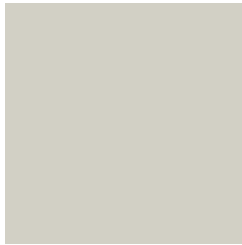
7.4618, 3.5703, 37.4883



0.4648, 0.2947, 2.1120

Previews

White Background



This preview shows how the XYZ color 59.2123, 62.8446, 61.8327 looks on a white background.

Color Contrast Check

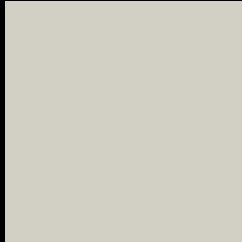
Large Text (above 18pt) WCAG AA × Fail

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 59.2123, 62.8446, 61.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

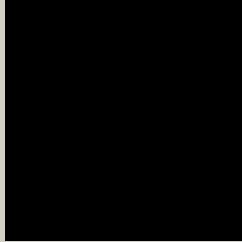
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

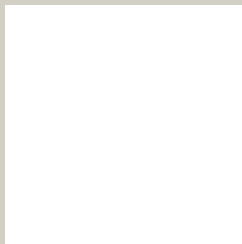
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2123, 62.8446, 61.8327

Background



This preview shows how black text looks on a background with the XYZ color 59.2123, 62.8446, 61.8327.

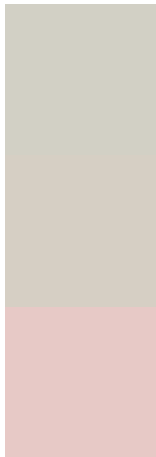


This preview shows how white text looks on a background with the XYZ color 59.2123, 62.8446, 61.8327.

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

59.2123, 62.8446, 61.8327

Protanopia

60.0082, 62.9073, 61.2041

Deuteranopia

64.0347, 62.8394, 62.1803



Tritanopia

62.0846, 62.5523, 77.2082

Trichromacy



Original Color

59.2123, 62.8446, 61.8327

Protanomaly

59.7172, 62.7573, 61.1905

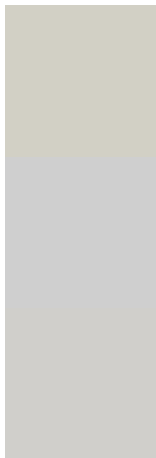
Deuteranomaly

62.2173, 62.9509, 62.2976

Tritanomaly

60.8664, 62.4132, 71.1263

Monochromacy



Original Color

59.2123, 62.8446, 61.8327

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1047, 62.3473, 65.4190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2123, 62.8446, 61.8327 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(210, 208, 197) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 197)  
}
```

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(210, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.2123, 62.8446, 61.8327 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(210, 208, 197) }
```


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

```
.border{ border-color:rgb(210, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2123, 62.8446, 61.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 208, 197) }
```

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

```
.background{ background-color: rgb(210,  
208, 197) }
```

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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