

Converting Colors

XYZ(62.2361, 65.2626, 59.9468)

Have a look what the booklet for
XYZ(62.2361, 65.2626, 59.9468)
contains.

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Color

**XYZ(62.1874, 65.1591,
59.7514)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD2C1
RGB	220, 210, 193
RGB Percent	86%, 82%, 76%
CMY	0.1373, 0.1764, 0.2431
CMYK	0.00, 0.05, 0.12, 0.14
HSL	38°, 28%, 81%
HSV	38°, 12%, 86%
XYZ	62.1874, 65.1591, 59.7514
YIQ	211.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

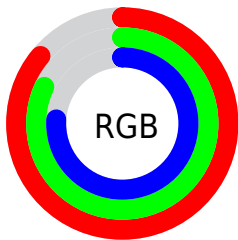
Format	Color
R_{YB}	209, 220, 193
Decimal	14471873
CIE Lab	84.57, 0.60, 9.65
CIE LCh	85, 9.666, 86.467
Yxy	65.1591, 0.3324, 0.3483
Android (android.graphics.Color)	4292661953 (0xFFDCD2C1)
YUV	211.0520, -8.8996, 7.8474
Hunter-Lab	80.7212, -3.7461, 12.6172

Details

The XYZ color **62.1874, 65.1591, 59.7514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2663, 59.2154, 76.1748**, and the grayscale version is **62.0044, 65.2334, 71.0392**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **32.0657, 33.6403, 29.2293** is the 20% darker color. If you saturate the color by 10%, you get **57.9542, 60.3319, 47.1195**, and if you desaturate by 10%, it is **66.8917, 70.3428, 74.3430**.

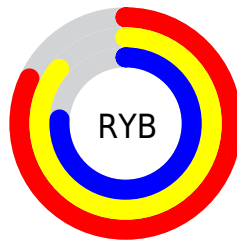
Distribution



Red (86%)

Green (82%)

Blue (76%)



Red (82%)

Yellow (86%)

Blue (76%)

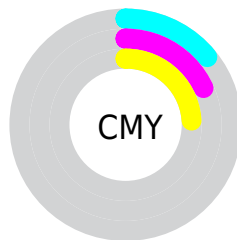


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1874, 65.1591, 59.7514 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 62.1874, 65.1591, 59.7514 by changing the saturation by 10% instead.

■ 62.1874, 65.1591,
59.7514

■ 62.1874, 65.1591,
59.7514

422.3210,
443.3635, 441.4600

■ 45.4403, 47.5901,
42.7943

■ 107.0847,
112.2786, 106.0088

■ 32.0071, 33.5024,
29.3935

135.9657,
142.5978, 136.1462

■ 21.5225, 22.5116,
19.1306

169.6220,
177.9359, 171.5141

■ 13.6211, 14.2333,
11.5869

208.4190,
218.6773, 212.5310

■ 7.9376, 8.2831,
6.3440

252.7220,
265.2064, 259.6155

■ 4.1065, 4.2766,
2.9832

302.8965,

■ 1.7626, 1.8295,

317.9075, 313.1862

1.0861

359.3077,
377.1651, 373.6615

■ 0.4950, 0.5054,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1874, 65.1591,
59.7514

■ 62.1874, 65.1591,
59.7514

■ 57.9542, 60.3319,
47.1195

■ 66.8917, 70.3428,
74.3430

■ 54.1691, 55.8432,
36.3582

■ 72.0783, 75.8833,
90.9701

■ 50.8151, 51.6858,
27.3772

■ 77.1134, 81.5317,
106.2806

■ 47.8720, 47.8490,
20.0776

■ 79.4916, 86.2880,
107.0733

■ 45.3174, 44.3216,
14.3503

■ 81.9778, 91.2604,
107.9021

■ 43.1268, 41.0908,
10.0733

■ 83.3254, 93.9558,
108.3513

■ 41.2718, 38.1426,
7.1066

■ 39.7190, 35.4609,
5.2816

■ 38.6838, 33.5524,
4.4374

Harmonies

Analogous

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



64.2487, 65.1591, 61.5093



62.1874, 65.1591, 59.7514



60.1036, 65.1591, 60.8470

Triad

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



62.1874, 65.1591, 59.7514



58.2966, 65.1591, 76.3677



65.4498, 65.1591, 77.7055

Complementary

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



62.1874, 65.1591, 59.7514



56.2663, 59.2154, 76.1748

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.



63.7966, 65.1591, 82.1075



62.1874, 65.1591, 59.7514



59.6712, 65.1591, 81.3042

Square

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



62.1874, 65.1591, 59.7514



57.8881, 65.1591, 70.2186



61.6768, 65.1591, 83.4608



66.1595, 65.1591, 71.6808

Rectangle

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



62.1874, 65.1591, 59.7514



58.9765, 65.1591, 63.0847



61.6768, 65.1591, 83.4608



64.9841, 65.1591, 79.4372

Sweetspot

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



62.1892, 65.1620, 59.7528



92.2581, 96.9747, 100.0817



59.4071, 57.6849, 64.7228



19.6373, 20.6367, 21.0777



0.0000, 0.0000, 0.0000



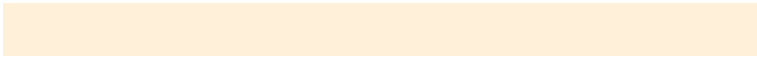
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1892, 65.1620, 59.7528



85.1397, 89.0724, 78.1806



63.7901, 69.7660, 60.5571



13.7360, 14.4113, 13.7833



22.8129, 19.9113, 2.6409



1.5593, 1.4527, 0.1982

Inverse Universe

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



56.2663, 59.2154, 76.1748



75.1418, 79.0351, 105.9026



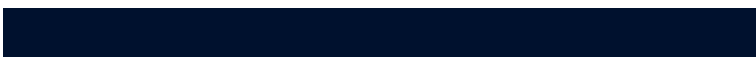
54.7930, 55.0641, 75.4512



12.7315, 13.4028, 16.5681



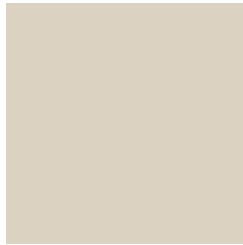
9.4259, 6.7213, 40.5389



0.6915, 0.5971, 2.6533

Previews

White Background



This preview shows how the XYZ color 62.1874, 65.1591, 59.7514 looks on a white background.

Color Contrast Check

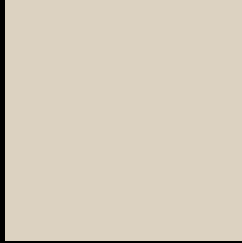
Large Text (above 18pt) WCAG AA × Fail

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 62.1874, 65.1591, 59.7514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

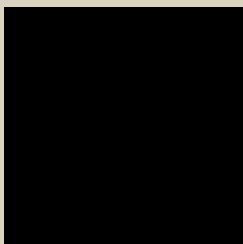
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

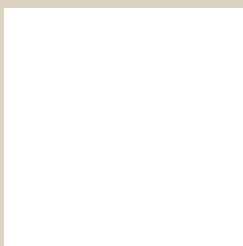
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1874, 65.1591, 59.7514

Background



This preview shows how black text looks on a background with the XYZ color 62.1874, 65.1591, 59.7514.

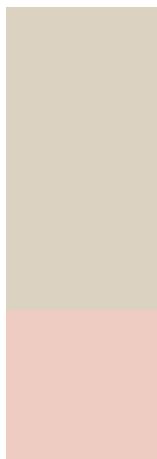


This preview shows how white text looks on a background with the XYZ color 62.1874, 65.1591,

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

62.1874, 65.1591, 59.7514

Protanopia

61.8856, 65.0035, 59.7373

Deuteranopia

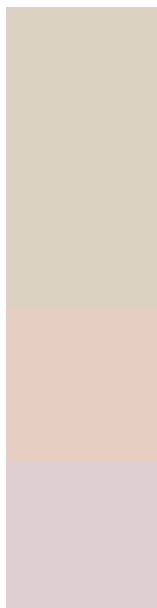
66.5904, 65.2579, 60.1253



Tritanopia

65.9966, 65.2638, 78.2260

Trichromacy



Original Color

62.1874, 65.1591, 59.7514

Protanomaly

61.8856, 65.0035, 59.7373

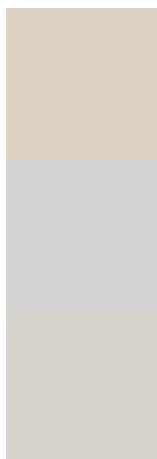
Deuteranomaly

64.7639, 65.0266, 60.1769

Tritanomaly

64.5021, 65.0168, 70.7779

Monochromacy



Original Color

62.1874, 65.1591, 59.7514

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9249, 65.2443, 66.4564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1874, 65.1591, 59.7514 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(220, 210, 193) looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 193)  
}
```

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(220, 210, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.1874, 65.1591, 59.7514 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(220, 210, 193) }
```


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

```
.border{ border-color:rgb(220, 210, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 193);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1874, 65.1591, 59.7514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 193) }
```

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

```
.background{ background-color: rgb(220,  
210, 193) }
```

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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