

Converting Colors

XYZ(62.1571, 65.8575, 64.6871)

Have a look what the booklet for
XYZ(62.1571, 65.8575, 64.6871)
contains.

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Color

**XYZ(62.1104, 65.7511,
64.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D4C9
RGB	215, 212, 201
RGB Percent	84%, 83%, 79%
CMY	0.1569, 0.1686, 0.2118
CMYK	0.00, 0.01, 0.07, 0.16
HSL	47°, 15%, 82%
HSV	47°, 7%, 84%
XYZ	62.1104, 65.7511, 64.6760
YIQ	211.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

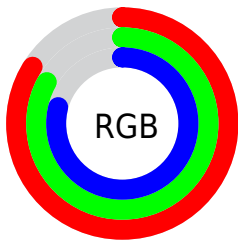
Format	Color
R_{YB}	205, 215, 201
Decimal	14144713
CIE Lab	84.87, -0.89, 5.79
CIE LCh	85, 5.859, 98.761
Yxy	65.7511, 0.3226, 0.3415
Android (android.graphics.Color)	4292334793 (0xFFD7D4C9)
YUV	211.6430, -5.2470, 2.9441
Hunter-Lab	81.0871, -5.1764, 9.4705

Details

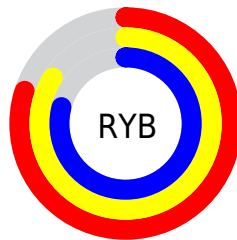
The XYZ color **62.1104, 65.7511, 64.6760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9459, 60.5085, 72.9158**, and the grayscale version is **62.3751, 65.6235, 71.4640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8206, 33.6941, 32.4302** is the 20% darker color. If you saturate the color by 10%, you get **58.6231, 62.5442, 51.8967**, and if you desaturate by 10%, it is **65.9882, 69.1709, 79.3336**.

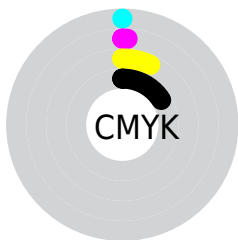
Distribution



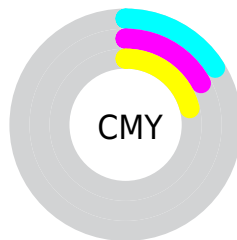
- Red (84%)
- Green (83%)
- Blue (79%)



- Red (80%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1104, 65.7511, 64.6760 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 62.1104, 65.7511, 64.6760 by changing the saturation by 10% instead.

■ 62.1104, 65.7511,
64.6760

■ 62.1104, 65.7511,
64.6760

422.0448,
445.4862, 459.9010

■ 45.3778, 48.0704,
46.7487

106.9741,
113.1290, 113.1927

■ 31.9577, 33.8826,
32.4841

135.8360,
143.5950, 144.6193

■ 21.4846, 22.8034,
21.4637

169.4717,
179.0915, 181.3827

■ 13.5931, 14.4484,
13.2688

208.2465,
220.0030, 223.9014

■ 7.9180, 8.4332,
7.4810

252.5259,
266.7138, 272.5941

■ 4.0939, 4.3734,
3.6817

302.6752,

■ 1.7554, 1.8845,

319.6084, 327.8792

1.4524

359.0597,
379.0710, 390.1754

■ 0.4906, 0.5391,
0.1821

■ 0.0000, 0.0000,
0.0000

■ 62.1104, 65.7511,
64.6760

■ 62.1104, 65.7511,
64.6760

■ 58.6231, 62.5442,
51.8967

■ 65.9882, 69.1709,
79.3336

■ 55.5060, 59.5353,
40.9143

■ 70.2650, 72.8010,
95.9380

■ 52.7449, 56.7203,
31.6479

■ 73.2186, 75.9552,
105.4095

■ 50.3227, 54.0920,
24.0085

■ 74.4851, 78.4881,
105.8317

48.2207, 51.6425,
17.8992

75.7854, 81.0888,
106.2651

46.4183, 49.3631,
13.2126

77.1198, 83.7575,
106.7099

44.8923, 47.2440,
9.8275

78.4885, 86.4949,
107.1661

43.6154, 45.2739,
7.6024

79.8917, 89.3015,
107.6339

42.5531, 43.4384,
6.3571

81.3298, 92.1776,
108.1133

Harmonies

Analogous

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



63.4141, 65.7511, 65.0571



62.1104, 65.7511, 64.6760



60.9260, 65.7511, 66.0966

Triad

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



62.1104, 65.7511, 64.6760



60.5450, 65.7511, 76.2181



64.8790, 65.7511, 74.2450

Complementary

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



62.1104, 65.7511, 64.6760



57.9459, 60.5085, 72.9158

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.



64.0896, 65.7511, 77.3834



62.1104, 65.7511, 64.6760



61.5837, 65.7511, 78.5500

Square

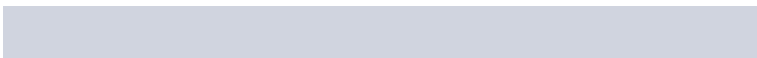
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.1104, 65.7511, 64.6760



60.0306, 65.7511, 72.6996



62.8801, 65.7511, 78.9838



65.0249, 65.7511, 70.4953

Rectangle

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



62.1104, 65.7511, 64.6760



60.3591, 65.7511, 67.9045



62.8801, 65.7511, 78.9838



64.6796, 65.7511, 75.4101

Sweetspot

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



62.1122, 65.7540, 64.6774



93.8925, 98.9815, 104.5170



59.8149, 60.5825, 65.6896



20.1090, 21.1969, 22.4168



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.



62.1122, 65.7540, 64.6774



90.5608, 96.0014, 92.0517



61.7173, 66.6724, 64.8755



13.2368, 14.0479, 13.1746



25.3273, 25.7719, 3.6396



1.5851, 1.6695, 0.2387

Inverse Universe

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



57.9459, 60.5085, 72.9158



83.0353, 86.5268, 106.9327



58.3209, 59.6550, 72.7313



11.9559, 12.4351, 15.7076



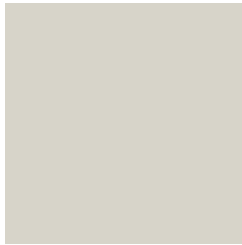
7.9843, 4.2304, 38.8489



0.5432, 0.3784, 2.3637

Previews

White Background



This preview shows how the XYZ color 62.1104, 65.7511, 64.6760 looks on a white background.

Color Contrast Check

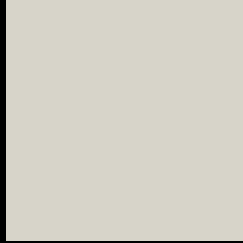
Large Text (above 18pt) WCAG AA × Fail

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 62.1104, 65.7511, 64.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

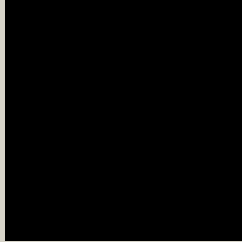
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

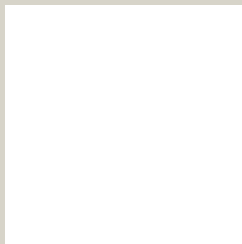
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1104, 65.7511, 64.6760

Background



This preview shows how black text looks on a background with the XYZ color 62.1104, 65.7511, 64.6760.

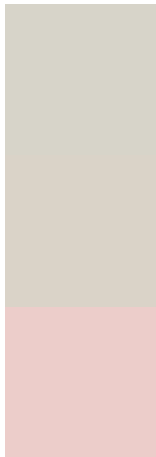


This preview shows how white text looks on a background with the XYZ color 62.1104, 65.7511,

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

62.1104, 65.7511, 64.6760

Protanopia

62.6330, 65.6641, 64.0169

Deuteranopia

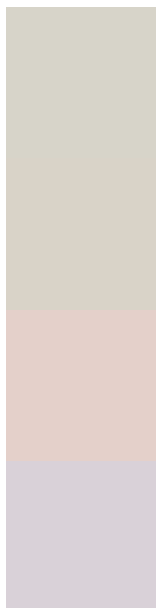
67.0841, 65.7598, 65.0343



Tritanopia

65.0599, 65.4534, 80.4389

Trichromacy



Original Color

62.1104, 65.7511, 64.6760

Protanomaly

62.3349, 65.5104, 64.0029

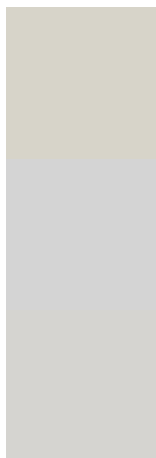
Deuteranomaly

65.2115, 65.8700, 65.1543

Tritanomaly

63.8104, 65.3105, 74.2088

Monochromacy



Original Color

62.1104, 65.7511, 64.6760

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3692, 65.7872, 69.0855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1104, 65.7511, 64.6760 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(215, 212, 201) looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 201)  
}
```

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(215, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.1104, 65.7511, 64.6760 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(215, 212, 201) }
```


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

```
.border{ border-color:rgb(215, 212, 201) }
```

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

Here you see how a box with a 4 pixel rgb(215, 212, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1104, 65.7511, 64.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 201) }
```

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

```
.background{ background-color: rgb(215,  
212, 201) }
```

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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