

Converting Colors

XYZ(62.1774, 65.0263, 67.7424)

Have a look what the booklet for
XYZ(62.1774, 65.0263, 67.7424)
contains.

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Color

**XYZ(62.2115, 64.9965,
67.6592)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D2CE
RGB	215, 210, 206
RGB Percent	84%, 82%, 81%
CMY	0.1569, 0.1765, 0.1922
CMYK	0.00, 0.02, 0.04, 0.16
HSL	27°, 10%, 83%
HSV	27°, 4%, 84%
XYZ	62.2115, 64.9965, 67.6592
YIQ	211.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

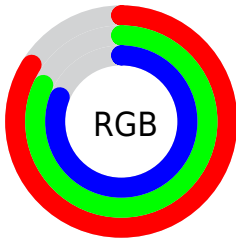
Format	Color
R _Y B	215, 213, 206
Decimal	14144206
CIE Lab	84.48, 1.01, 2.58
CIE LCh	84, 2.768, 68.547
Yxy	64.9965, 0.3193, 0.3335
Android (android.graphics.Color)	4292334286 (0xFFD7D2CE)
YUV	211.0390, -2.4842, 3.4738
Hunter-Lab	80.6204, -3.3445, 6.6762

Details

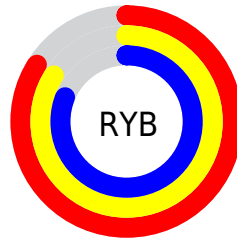
The XYZ color **62.2115, 64.9965, 67.6592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0135, 64.6157, 73.5471**, and the grayscale version is **61.9581, 65.1848, 70.9862**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0532, 33.5175, 34.4859** is the 20% darker color. If you saturate the color by 10%, you get **56.9391, 58.3491, 53.8849**, and if you desaturate by 10%, it is **68.0646, 72.2320, 83.3913**.

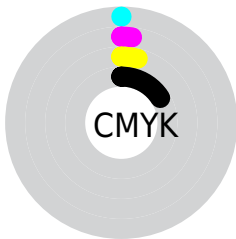
Distribution



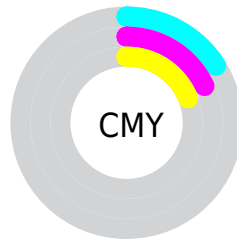
- Red (84%)
- Green (82%)
- Blue (81%)



- Red (84%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2115, 64.9965, 67.6592 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 62.2115, 64.9965, 67.6592 by changing the saturation by 10% instead.

■ 62.2115, 64.9965,
67.6592

■ 62.2115, 64.9965,
67.6592

422.4074,
442.7794, 470.8528

■ 45.4599, 47.4582,
49.1556

107.1194,
112.0448, 117.5141

■ 32.0226, 33.3981,
34.3764

136.0063,
142.3237, 149.7024

■ 21.5344, 22.4316,
22.9032

169.6691,
177.6182, 187.2894

■ 13.6299, 14.1743,
14.3174

208.4730,
218.3128, 230.6935

■ 7.9437, 8.2420,
8.2005

252.7834,
264.7918, 280.3334

■ 4.1104, 4.2502,
4.1339

302.9657,

■ 1.7648, 1.8145,

317.4396, 336.6276

1.6991

359.3853,
376.6407, 399.9945

■ 0.4963, 0.4962,
0.3601

■ 0.0000, 0.0000,
0.0000

■ 62.2115, 64.9965,
67.6592

■ 62.2115, 64.9965,
67.6592

■ 56.9391, 58.3491,
53.8849

■ 68.0646, 72.2320,
83.3913

■ 52.2229, 52.2662,
41.9869

■ 74.5113, 80.0619,
101.1503

■ 48.0444, 46.7345,
31.8837

■ 78.9730, 87.4639,
107.3276

■ 44.3818, 41.7371,
23.4865

■ 81.8347, 93.1873,
108.2815

■ 41.2119, 37.2563,
16.6988

■ 38.5093, 33.2731,
11.4140

■ 36.2459, 29.7670,
7.5129

■ 34.3899, 26.7157,
4.8575

■ 32.9035, 24.0937,
3.2804

Harmonies

Analogous

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



62.7084, 64.9965, 68.6769



62.2115, 64.9965, 67.6592



61.6013, 64.9965, 67.4678

Triad

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



62.2115, 64.9965, 67.6592



60.6131, 64.9965, 71.2756



62.5184, 64.9965, 73.4569

Complementary

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



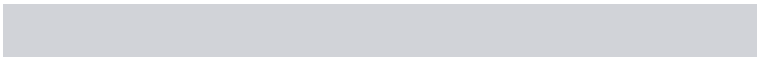
62.2115, 64.9965, 67.6592



61.0135, 64.6157, 73.5471

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.



61.9535, 64.9965, 74.1785



62.2115, 64.9965, 67.6592



60.8553, 64.9965, 72.9055

Square

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



62.2115, 64.9965, 67.6592



60.6812, 64.9965, 69.5365



61.3450, 64.9965, 73.9750



62.8864, 64.9965, 72.0182

Rectangle

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



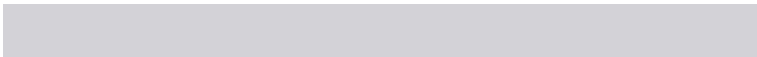
62.2115, 64.9965, 67.6592



61.2128, 64.9965, 67.8315



61.3450, 64.9965, 73.9750



62.3451, 64.9965, 73.7924

Sweetspot

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



62.2133, 64.9993, 67.6606



94.1922, 98.9370, 106.6021



61.8669, 63.2988, 70.6518



20.1701, 21.1878, 22.8415



0.0000, 0.0000, 0.0000



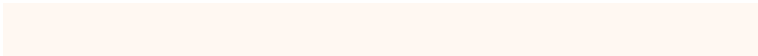
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2133, 64.9993, 67.6606



90.8481, 94.7728, 97.7062



63.3137, 67.2000, 68.0274



13.3119, 13.8720, 14.2043



19.3468, 13.8109, 1.6461



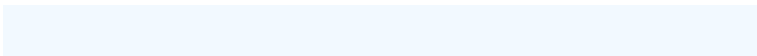
1.2487, 0.9966, 0.1266

Inverse Universe

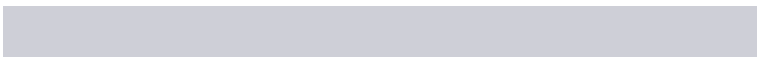
The Inverse Universe completely reimagines the original color for something new.



61.0135, 64.6157, 73.5471



88.7309, 94.0957, 108.0934



59.9363, 62.4612, 73.1880



12.9641, 13.7608, 15.9103



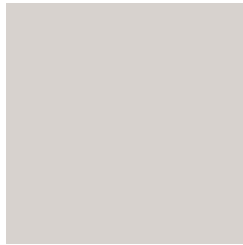
11.4145, 11.0908, 39.9923



0.7705, 0.8329, 2.4395

Previews

White Background



This preview shows how the XYZ color 62.2115, 64.9965, 67.6592 looks on a white background.

Color Contrast Check

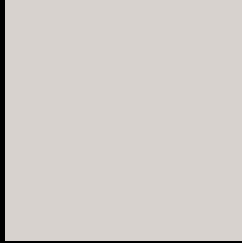
Large Text (above 18pt) WCAG AA × Fail

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 62.2115, 64.9965, 67.6592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

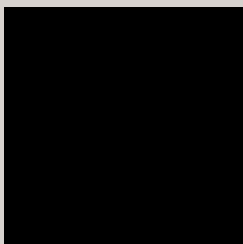
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

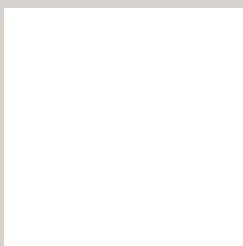
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2115, 64.9965, 67.6592

Background



This preview shows how black text looks on a background with the XYZ color 62.2115, 64.9965, 67.6592.

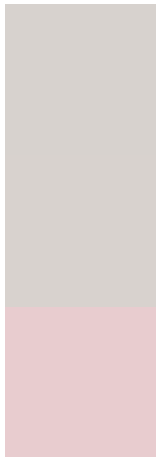


This preview shows how white text looks on a background with the XYZ color 62.2115, 64.9965,

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

62.2115, 64.9965, 67.6592

Protanopia

62.5061, 65.1483, 67.6730

Deuteranopia

66.1341, 64.8465, 68.0625



Tritanopia

64.6808, 64.9129, 79.6414

Trichromacy



Original Color

62.2115, 64.9965, 67.6592

Protanomaly

62.5061, 65.1483, 67.6730

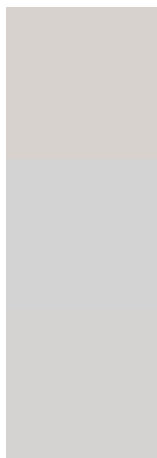
Deuteranomaly

64.6978, 64.8164, 68.1323

Tritanomaly

63.6955, 64.8732, 74.8103

Monochromacy



Original Color

62.2115, 64.9965, 67.6592

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9543, 65.1890, 69.6390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2115, 64.9965, 67.6592 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, 210, 206) looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 206)  
}
```

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, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 206) }
```

Border

The CSS property to change the border of an element to XYZ 62.2115, 64.9965, 67.6592 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, 210, 206) }
```


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

```
.border{ border-color:rgb(215, 210, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2115, 64.9965, 67.6592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 206) }
```

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

```
.background{ background-color: rgb(215,  
210, 206) }
```

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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