

Converting Colors

XYZ(62.9546, 65.2937, 71.5722)

Have a look what the booklet for
XYZ(62.9546, 65.2937, 71.5722)
contains.

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Color

**XYZ(62.9546, 65.2937,
71.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D2D4
RGB	215, 210, 212
RGB Percent	84%, 82%, 83%
CMY	0.1569, 0.1765, 0.1686
CMYK	0.00, 0.02, 0.01, 0.16
HSL	336°, 6%, 83%
HSV	336°, 2%, 84%
XYZ	62.9546, 65.2937, 71.5722
YIQ	211.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

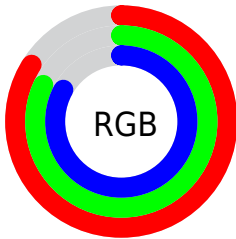
Format	Color
R _Y B	215, 210, 212
Decimal	14144212
CIE Lab	84.63, 2.08, -0.39
CIE LCh	85, 2.111, 349.399
Yxy	65.2937, 0.3151, 0.3268
Android (android.graphics.Color)	4292334292 (0xFFD7D2D4)
YUV	211.7230, 0.1366, 2.8739
Hunter-Lab	80.8045, -2.3390, 4.0473

Details

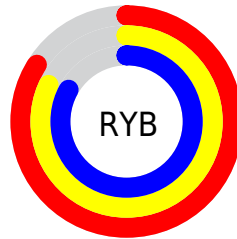
The XYZ color **62.9546, 65.2937, 71.5722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8915, 67.1084, 72.5927**, and the grayscale version is **62.3950, 65.6444, 71.4868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4715, 33.6848, 36.6887** is the 20% darker color. If you saturate the color by 10%, you get **56.4355, 54.7576, 61.6836**, and if you desaturate by 10%, it is **70.3208, 77.3137, 82.3873**.

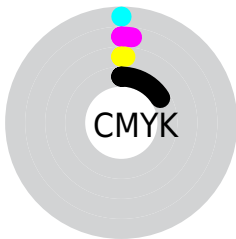
Distribution



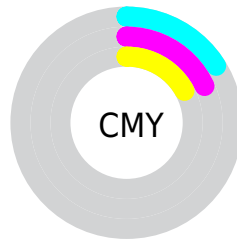
- Red (84%)
- Green (82%)
- Blue (83%)



- Red (84%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9546, 65.2937, 71.5722 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 62.9546, 65.2937, 71.5722 by changing the saturation by 10% instead.

■ 62.9546, 65.2937,
71.5722

■ 62.9546, 65.2937,
71.5722

425.0670,
443.8466, 484.9887

■ 46.0630, 47.6993,
52.3246

108.1862,
112.4720, 123.1502

■ 32.5004, 33.5888,
36.8798

137.2569,
142.8247, 156.3176

■ 21.9014, 22.5779,
24.8194

171.1180,
178.1989, 194.9621

■ 13.9006, 14.2821,
15.7248

210.1348,
218.9790, 239.5021

■ 8.1328, 8.3172,
9.1774

254.6728,
265.5494, 290.3562

■ 4.2326, 4.2986,
4.7587

305.0973,

■ 1.8345, 1.8419,

318.2946, 347.9430

2.0501

361.7735,
377.5989, 412.6810

■ 0.5383, 0.5131,
0.5858

■ 0.0000, 0.0000,
0.0000

■ 62.9546, 65.2937,
71.5722

■ 62.9546, 65.2937,
71.5722

■ 56.4355, 54.7576,
61.6836

■ 70.3208, 77.3137,
82.3873

■ 50.7267, 45.6394,
52.6917

■ 78.5580, 90.8637,
94.1488

■ 45.7967, 37.8804,
44.5715

■ 81.1548, 92.9153,
104.7011

■ 41.6100, 31.4145,
37.2950

■ 81.8348, 93.1873,
108.2815

■ 38.1280, 26.1703,
30.8325

■ 35.3086, 22.0692,
25.1525

■ 33.1050, 19.0234,
20.2208

■ 31.4635, 16.9320,
16.0003

■ 30.3204, 15.6741,
12.4491

Harmonies

Analogous

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



62.7502, 65.2937, 72.7959



62.9546, 65.2937, 71.5722



62.9183, 65.2937, 70.2353

Triad

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



62.9546, 65.2937, 71.5722



61.7592, 65.2937, 68.6741



61.4719, 65.2937, 73.0823

Complementary

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



62.9546, 65.2937, 71.5722



62.8915, 67.1084, 72.5927

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.



61.2090, 65.2937, 71.9591



62.9546, 65.2937, 71.5722



61.3743, 65.2937, 69.4183

Square

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



62.9546, 65.2937, 71.5722



62.2265, 65.2937, 68.5734



61.1733, 65.2937, 70.6174



61.8932, 65.2937, 73.6751

Rectangle

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



62.9546, 65.2937, 71.5722



62.7625, 65.2937, 69.4593



61.1733, 65.2937, 70.6174



61.3622, 65.2937, 72.7536

Sweetspot

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



62.9565, 65.2965, 71.5736



93.9963, 98.2856, 107.3375



62.7552, 65.1486, 73.5584



20.1302, 21.0552, 22.9911



0.0000, 0.0000, 0.0000



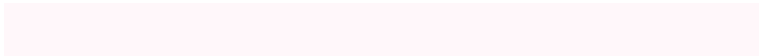
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9565, 65.2965, 71.5736



91.9271, 94.9235, 104.2541



62.8297, 65.4435, 70.2964



13.4330, 13.8062, 15.1945



17.8134, 9.0617, 6.3215



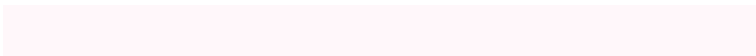
1.1147, 0.5627, 0.5934

Inverse Universe

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



62.9565, 65.2965, 71.5736



91.9271, 94.9235, 104.2541



63.0195, 66.9563, 73.8934



13.4330, 13.8062, 15.1945



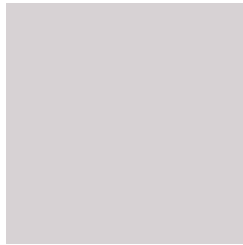
17.8134, 9.0617, 6.3215



1.1147, 0.5627, 0.5934

Previews

White Background



This preview shows how the XYZ color 62.9546, 65.2937, 71.5722 looks on a white background.

Color Contrast Check

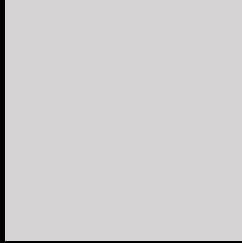
Large Text (above 18pt) WCAG AA × Fail

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 62.9546, 65.2937, 71.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

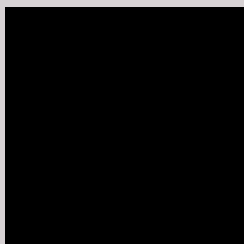
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

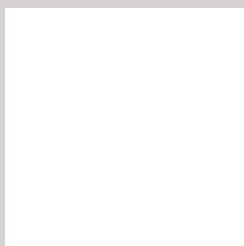
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9546, 65.2937, 71.5722

Background



This preview shows how black text looks on a background with the XYZ color 62.9546, 65.2937, 71.5722.

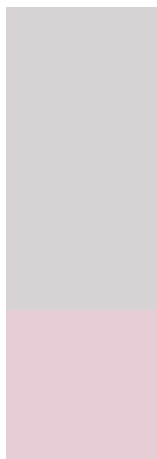


This preview shows how white text looks on a background with the XYZ color 62.9546, 65.2937,

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

62.9546, 65.2937, 71.5722

Protanopia

62.9546, 65.2937, 71.5722

Deuteranopia

66.7966, 65.4557, 72.0644



Tritanopia

64.6257, 65.2453, 79.7085

Trichromacy



Original Color

62.9546, 65.2937, 71.5722

Protanomaly

62.9546, 65.2937, 71.5722

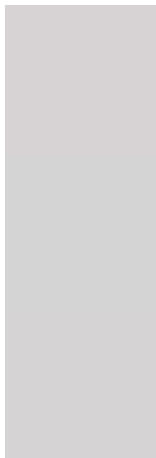
Deuteranomaly

65.3744, 65.4373, 72.1358

Tritanomaly

64.0376, 65.3672, 76.9521

Monochromacy



Original Color

62.9546, 65.2937, 71.5722

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.6185, 65.4881, 71.6275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9546, 65.2937, 71.5722 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, 212) looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 212) }
```

Border

The CSS property to change the border of an element to XYZ 62.9546, 65.2937, 71.5722 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, 212) }
```


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

```
.border{ border-color:rgb(215, 210, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9546, 65.2937, 71.5722 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, 212) }
```

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

```
.background{ background-color: rgb(215,  
210, 212) }
```

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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