

Converting Colors

XYZ(65.5238, 68.8745, 72.1363)

Have a look what the booklet for
XYZ(65.5238, 68.8745, 72.1363)
contains.

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Color

**XYZ(65.6529, 68.9253,
72.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD8D4
RGB	219, 216, 212
RGB Percent	86%, 85%, 83%
CMY	0.1412, 0.1529, 0.1686
CMYK	0.00, 0.01, 0.03, 0.14
HSL	34°, 9%, 85%
HSV	34°, 3%, 86%
XYZ	65.6529, 68.9253, 72.1310
YIQ	216.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

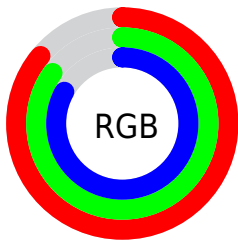
Format	Color
R _Y B	217, 219, 212
Decimal	14407892
CIE Lab	86.47, 0.32, 2.32
CIE LCh	86, 2.341, 82.200
Yxy	68.9253, 0.3176, 0.3334
Android (android.graphics.Color)	4292597972 (0xFFDBD8D4)
YUV	216.4410, -2.1894, 2.2442
Hunter-Lab	83.0213, -4.1301, 6.6022

Details

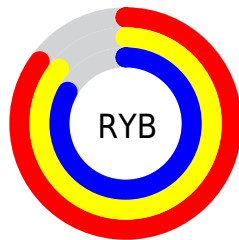
The XYZ color **65.6529, 68.9253, 72.1310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2378, 67.7112, 76.7024**, and the grayscale version is **65.5856, 69.0012, 75.1423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1405, 35.8166, 37.0122** is the 20% darker color. If you saturate the color by 10%, you get **60.7430, 63.2303, 57.7765**, and if you desaturate by 10%, it is **71.0784, 75.0502, 88.5077**.

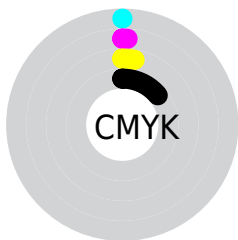
Distribution



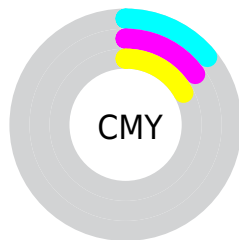
- Red (86%)
- Green (85%)
- Blue (83%)



- Red (85%)
- Yellow (86%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6529, 68.9253, 72.1310 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 65.6529, 68.9253, 72.1310 by changing the saturation by 10% instead.

■ 65.6529, 68.9253,
72.1310

■ 65.6529, 68.9253,
72.1310

434.6427,
456.7675, 486.9872

■ 48.2574, 50.6509,
52.7782

112.0485,
117.6749, 123.9522

■ 34.2428, 35.9308,
37.2392

141.7793,
148.9188, 157.2577

■ 23.2440, 24.3808,
25.0955

176.3525,
185.2547, 196.0512

■ 14.8955, 15.6163,
15.9286

216.1335,
227.0670, 240.7512

■ 8.8319, 9.2531,
9.3198

261.4877,
274.7400, 291.7763

■ 4.6879, 4.9066,
4.8507

312.7804,

■ 2.0982, 2.1926,

328.6581, 349.5449

2.1027

370.3769,
389.2058, 414.4757

■ 0.6882, 0.7159,
0.6174

■ 0.0000, 0.0000,
0.0000

■ 65.6529, 68.9253,
72.1310

■ 65.6529, 68.9253,
72.1310

■ 60.7430, 63.2303,
57.7765

■ 71.0784, 75.0502,
88.5077

■ 56.3258, 57.9456,
45.3602

■ 76.9007, 81.5542,
106.2962

■ 52.3847, 53.0633,
34.7984

■ 79.6515, 87.0558,
107.2131

■ 48.9003, 48.5717,
26.0000

■ 82.5458, 92.8444,
108.1779

■ 45.8514, 44.4584,
18.8658

■ 83.0237, 93.8002,
108.3372

■ 43.2149, 40.7101,
13.2865

■ 40.9652, 37.3125,
9.1400

■ 39.0730, 34.2495,
6.2853

■ 37.5033, 31.5026,
4.5522

Harmonies

Analogous

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



66.1519, 68.9253, 72.7154



65.6529, 68.9253, 72.1310



65.1186, 68.9253, 72.3197

Triad

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



65.6529, 68.9253, 72.1310



64.5517, 68.9253, 76.1807



66.3379, 68.9253, 76.8912

Complementary

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



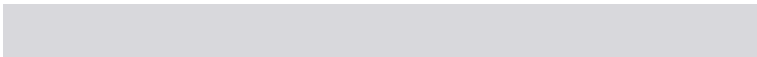
65.6529, 68.9253, 72.1310



64.2378, 67.7112, 76.7024

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.



65.9058, 68.9253, 77.8440



65.6529, 68.9253, 72.1310



64.8751, 68.9253, 77.4299

Square

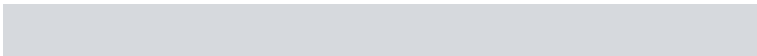
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6529, 68.9253, 72.1310



64.4848, 68.9253, 74.6438



65.3702, 68.9253, 78.0425



66.5489, 68.9253, 75.4535

Rectangle

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



65.6529, 68.9253, 72.1310



64.8142, 68.9253, 72.8596



65.3702, 68.9253, 78.0425



66.2136, 68.9253, 77.2796

Sweetspot

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



65.6548, 68.9283, 72.1325



94.2949, 99.1425, 106.6363



65.0278, 67.0560, 73.8291



20.1910, 21.2296, 22.8484



0.0000, 0.0000, 0.0000



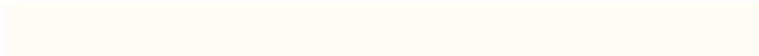
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6548, 68.9283, 72.1325



92.0741, 96.6067, 100.0203



66.2892, 70.4050, 72.3841



14.1836, 14.8743, 15.2648



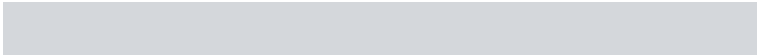
21.8020, 17.8896, 2.3039



1.4973, 1.3287, 0.1775

Inverse Universe

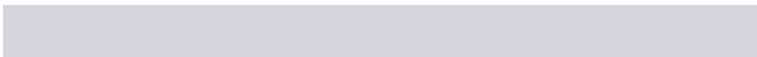
The Inverse Universe completely reimagines the original color for something new.



64.2378, 67.7112, 76.7024



89.5632, 94.4501, 108.1180



63.6167, 66.2690, 76.4568



13.7310, 14.4856, 16.7244



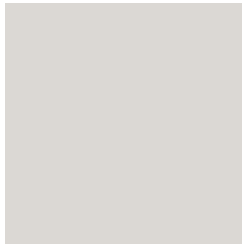
10.0445, 7.9583, 40.7451



0.7351, 0.6843, 2.6678

Previews

White Background



This preview shows how the XYZ color 65.6529, 68.9253, 72.1310 looks on a white background.

Color Contrast Check

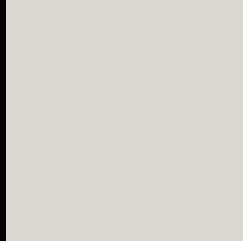
Large Text (above 18pt) WCAG AA × Fail

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 65.6529, 68.9253, 72.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

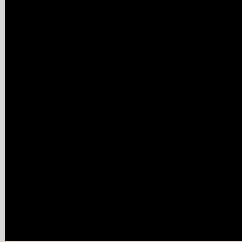
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

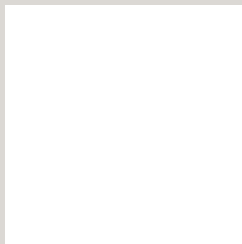
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6529, 68.9253, 72.1310

Background



This preview shows how black text looks on a background with the XYZ color 65.6529, 68.9253, 72.1310.

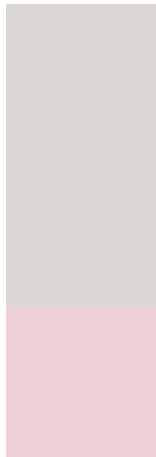


This preview shows how white text looks on a background with the XYZ color 65.6529, 68.9253,

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

65.6529, 68.9253, 72.1310

Protanopia

66.0029, 68.7265, 72.0742

Deuteranopia

70.0706, 68.5822, 72.4954



Tritanopia

68.2014, 68.8313, 84.5541

Trichromacy



Original Color

65.6529, 68.9253, 72.1310

Protanomaly

65.6993, 68.5700, 72.0600

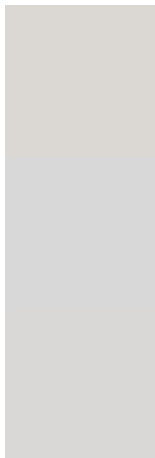
Deuteranomaly

68.5087, 68.8800, 72.6352

Tritanomaly

67.1846, 68.7930, 79.5494

Monochromacy



Original Color

65.6529, 68.9253, 72.1310

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.4369, 68.7697, 74.1150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6529, 68.9253, 72.1310 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(219, 216, 212) looks like.

```
.text, #text, p{  
    color:rgb(219, 216, 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(219, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 216, 212) }
```

Border

The CSS property to change the border of an element to XYZ 65.6529, 68.9253, 72.1310 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(219, 216, 212) }
```


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

```
.border{ border-color:rgb(219, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 216,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6529, 68.9253, 72.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 216, 212) }
```

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

```
.background{ background-color: rgb(219,  
216, 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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