

Converting Colors

XYZ(65.9125, 68.9674, 73.2497)

Have a look what the booklet for
XYZ(65.9125, 68.9674, 73.2497)
contains.

XYZ(65.9069, 69.0268, 73.4682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.9069, 69.0268,
73.4682)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD8D6
RGB	219, 216, 214
RGB Percent	86%, 85%, 84%
CMY	0.1412, 0.1529, 0.1608
CMYK	0.00, 0.01, 0.02, 0.14
HSL	24°, 6%, 85%
HSV	24°, 2%, 86%
XYZ	65.9069, 69.0268, 73.4682
YIQ	216.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

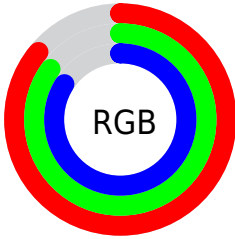
Format	Color
R _Y B	219, 217, 214
Decimal	14407894
CIE Lab	86.52, 0.67, 1.34
CIE LCh	87, 1.494, 63.342
Yxy	69.0268, 0.3162, 0.3312
Android (android.graphics.Color)	4292597974 (0xFFDBD8D6)
YUV	216.6690, -1.3158, 2.0443
Hunter-Lab	83.0824, -3.7951, 5.7286

Details

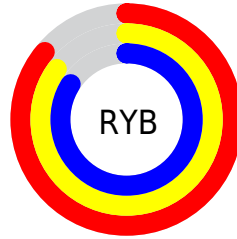
The XYZ color **65.9069, 69.0268, 73.4682** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3307, 69.0356, 76.9008**, and the grayscale version is **65.7360, 69.1594, 75.3145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3127, 35.8855, 37.9190** is the 20% darker color. If you saturate the color by 10%, you get **60.0673, 61.5261, 58.6380**, and if you desaturate by 10%, it is **72.3951, 77.2210, 90.3716**.

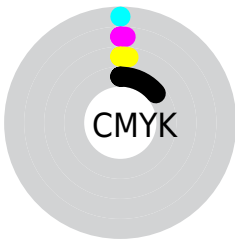
Distribution



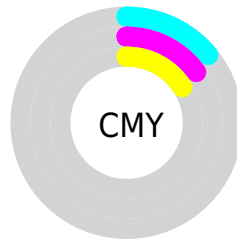
- Red (86%)
- Green (85%)
- Blue (84%)



- Red (86%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9069, 69.0268, 73.4682 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 65.9069, 69.0268, 73.4682 by changing the saturation by 10% instead.

■ 65.9069, 69.0268,
73.4682

■ 65.9069, 69.0268,
73.4682

435.5377,
457.1255, 491.7501

■ 48.4643, 50.7335,
53.8647

112.4112,
117.8199, 125.8687

■ 34.4075, 35.9966,
38.1011

142.2035,
149.0884, 159.5029

■ 23.3712, 24.4316,
25.7587

176.8431,
185.4509, 198.6510

■ 14.9900, 15.6541,
16.4191

216.6954,
227.2917, 243.7316

■ 8.8986, 9.2797,
9.6636

262.1256,
274.9951, 295.1633

■ 4.7317, 4.9241,
5.0738

313.4992,

■ 2.1239, 2.2028,

328.9456, 353.3646

2.2312

371.1814,
389.5276, 418.7540

■ 0.7021, 0.7215,
0.6923

■ 0.0000, 0.0000,
0.0000

■ 65.9069, 69.0268,
73.4682

■ 65.9069, 69.0268,
73.4682

■ 60.0673, 61.5261,
58.6380

■ 72.3951, 77.2210,
90.3716

■ 54.8494, 54.6917,
45.7958

■ 79.0916, 85.9358,
107.0264

■ 50.2326, 48.5071,
34.8574

■ 83.0239, 93.8003,
108.3372

■ 46.1932, 42.9521,
25.7305

■ 42.7057, 38.0052,
18.3154

■ 39.7423, 33.6437,
12.5022

■ 37.2726, 29.8430,
8.1685

■ 35.2623, 26.5766,
5.1734

■ 33.6713, 23.8145,
3.3482

Harmonies

Analogous

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



66.1654, 69.0268, 74.1159



65.9069, 69.0268, 73.4682



65.5691, 69.0268, 73.2720

Triad

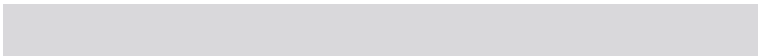
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9069, 69.0268, 73.4682



64.9459, 69.0268, 75.2696



65.9743, 69.0268, 76.7617

Complementary

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



65.9069, 69.0268, 73.4682



65.3307, 69.0356, 76.9008

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.



65.6467, 69.0268, 77.0770



65.9069, 69.0268, 73.4682



65.0536, 69.0268, 76.2107

Square

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



65.9069, 69.0268, 73.4682



65.0150, 69.0268, 74.3067



65.3098, 69.0268, 76.8744



66.2044, 69.0268, 76.0167

Rectangle

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



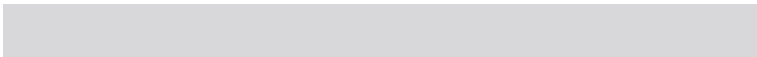
65.9069, 69.0268, 73.4682



65.3446, 69.0268, 73.4223



65.3098, 69.0268, 76.8744



65.8719, 69.0268, 76.9218

Sweetspot

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



65.9088, 69.0298, 73.4697



94.1565, 98.8657, 106.5902



65.7854, 68.1641, 75.3364



20.1628, 21.1733, 22.8390



0.0000, 0.0000, 0.0000



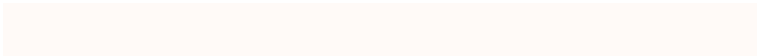
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9088, 69.0298, 73.4697



92.3974, 96.6268, 102.0601



66.5533, 70.3187, 73.6845



14.2103, 14.8378, 15.5509



19.4802, 13.2460, 1.5300



1.3449, 1.0240, 0.1268

Inverse Universe

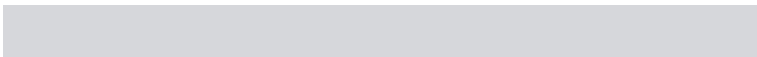
The Inverse Universe completely reimagines the original color for something new.



65.3307, 69.0356, 76.9008



91.3212, 96.6375, 108.4475



64.6921, 67.7583, 76.6879



14.0034, 14.8399, 16.7785



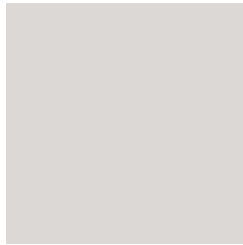
12.5234, 12.9163, 41.5714



0.8948, 1.0038, 2.7210

Previews

White Background



This preview shows how the XYZ color 65.9069, 69.0268, 73.4682 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 65.9069, 69.0268, 73.4682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

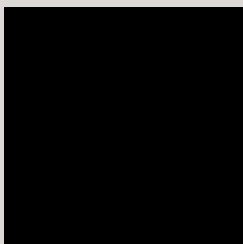
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

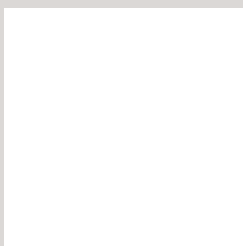
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9069, 69.0268, 73.4682

Background



This preview shows how black text looks on a background with the XYZ color 65.9069, 69.0268, 73.4682.

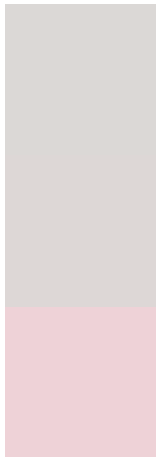


This preview shows how white text looks on a background with the XYZ color 65.9069, 69.0268,

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

65.9069, 69.0268, 73.4682

Protanopia

66.2568, 68.8281, 73.4114

Deuteranopia

70.5722, 69.1766, 73.9228



Tritanopia

67.8960, 68.6738, 84.5398

Trichromacy



Original Color

65.9069, 69.0268, 73.4682

Protanomaly

65.9532, 68.6716, 73.3972

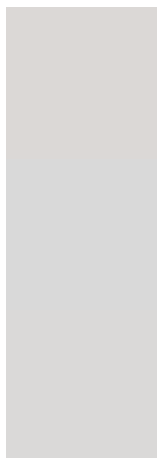
Deuteranomaly

68.7642, 68.9822, 73.9806

Tritanomaly

67.0163, 68.6906, 80.2475

Monochromacy



Original Color

65.9069, 69.0268, 73.4682

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1210, 69.4890, 74.8935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9069, 69.0268, 73.4682 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(219, 216, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 216, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.9069, 69.0268, 73.4682 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, 214) }
```


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

```
.border{ border-color:rgb(219, 216, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 216, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 216, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 216,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9069, 69.0268, 73.4682 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, 214) }
```

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

```
.background{ background-color: rgb(219,  
216, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor