

Converting Colors

XYZ(68.4645, 72.6245, 76.0551)

Have a look what the booklet for
XYZ(68.4645, 72.6245, 76.0551)
contains.

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Color

**XYZ(68.4645, 72.6245,
76.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDED9
RGB	221, 222, 217
RGB Percent	87%, 87%, 85%
CMY	0.1333, 0.1294, 0.1490
CMYK	0.00, 0.00, 0.02, 0.13
HSL	72°, 7%, 86%
HSV	72°, 2%, 87%
XYZ	68.4645, 72.6245, 76.0551
YIQ	221.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

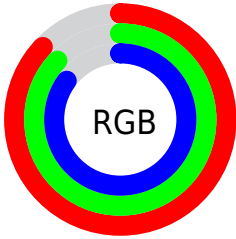
Format	Color
R_{YB}	217, 222, 218
Decimal	14540505
CIE _{Lab}	88.27, -1.23, 2.32
CIE _{LCh}	88, 2.623, 117.847
Y _{xy}	72.6245, 0.3153, 0.3345
Android (android.graphics.Color)	4292730585 (0xFFDDDED9)
YUV	221.1310, -2.0366, -0.1149
Hunter-Lab	85.2200, -5.7307, 6.7403

Details

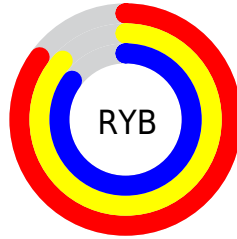
The XYZ color **68.4645, 72.6245, 76.0551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9139, 69.8070, 79.0584**, and the grayscale version is **68.8344, 72.4191, 78.8644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0662, 38.3531, 39.6844** is the 20% darker color. If you saturate the color by 10%, you get **64.4315, 70.8590, 61.7931**, and if you desaturate by 10%, it is **72.9261, 74.5702, 92.3679**.

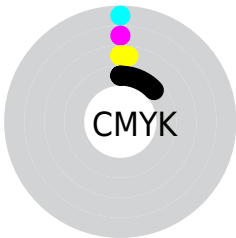
Distribution



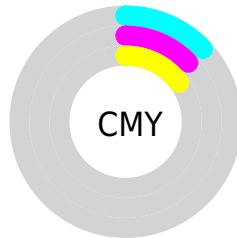
- Red (87%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4645, 72.6245, 76.0551 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 68.4645, 72.6245, 76.0551 by changing the saturation by 10% instead.

■ 68.4645, 72.6245,
76.0551

■ 68.4645, 72.6245,
76.0551

444.4910,
469.7124, 500.8881

■ 50.5508, 53.6690,
55.9708

116.0547,
122.9440, 129.5656

■ 36.0708, 38.3371,
39.7756

146.4618,
155.0768, 163.8288

■ 24.6593, 26.2444,
27.0512

181.7641,
192.3707, 203.6554

■ 15.9507, 17.0066,
17.3789

222.3270,
235.2103, 249.4640

■ 9.5799, 10.2392,
10.3402

268.5158,
283.9798, 301.6730

■ 5.1815, 5.5578,
5.5166

320.6958,

■ 2.3900, 2.5781,

339.0638, 360.7010

2.4894

379.2324,
400.8465, 426.9665

■ 0.8401, 0.9157,
0.8345

■ 0.0000, 0.0000,
0.0000

■ 68.4645, 72.6245,
76.0551

■ 68.4645, 72.6245,
76.0551

■ 64.4315, 70.8590,
61.7931

■ 72.9261, 74.5702,
92.3679

■ 60.8052, 69.2580,
49.4961

■ 76.7768, 76.2734,
105.2834

■ 57.5711, 67.8180,
39.0792

■ 78.2239, 77.0194,
105.3511

■ 54.7112, 66.5317,
30.4493

■ 79.7078, 77.7844,
105.4206

■ 52.2061, 65.3914,
23.5056

■ 81.2287, 78.5685,
105.4918

■ 50.0344, 64.3884,
18.1373

■ 82.7869, 79.3718,
105.5647

■ 48.1723, 63.5132,
14.2201

■ 84.3827, 80.1944,
105.6394

■ 46.5923, 62.7548,
11.6114

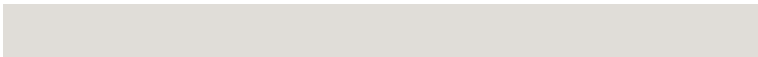
■ 85.4127, 80.7254,
105.6876

■ 45.2616, 62.1000,
10.1394

Harmonies

Analogous

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



69.0728, 72.6245, 75.6677



68.4645, 72.6245, 76.0551



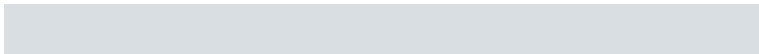
68.0094, 72.6245, 77.2483

Triad

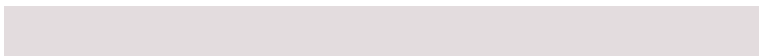
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.4645, 72.6245, 76.0551



68.3863, 72.6245, 82.0420



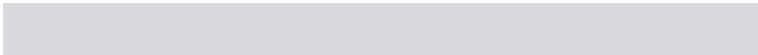
70.2420, 72.6245, 79.2058

Complementary

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



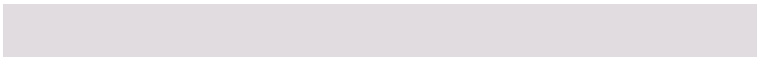
68.4645, 72.6245, 76.0551



66.9139, 69.8070, 79.0584

Split Complementary

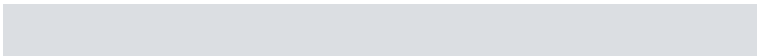
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0555, 72.6245, 80.9318



68.4645, 72.6245, 76.0551



68.9820, 72.6245, 82.5846

Square

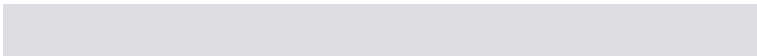
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



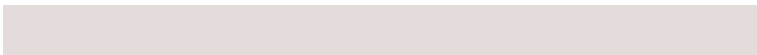
68.4645, 72.6245, 76.0551



67.9645, 72.6245, 80.7033



69.5934, 72.6245, 82.1753



70.1014, 72.6245, 77.4702

Rectangle

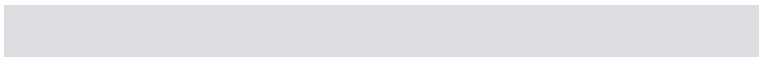
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.4645, 72.6245, 76.0551



67.8528, 72.6245, 78.3494



69.5934, 72.6245, 82.1753



70.2155, 72.6245, 79.8065

Sweetspot

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



68.4665, 72.6276, 76.0567



94.4541, 99.7399, 106.7433



67.7225, 70.6843, 75.7208



20.2234, 21.3512, 22.8702



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.



68.4665, 72.6276, 76.0567



93.2802, 99.2271, 102.5155



67.7113, 72.2383, 76.0213



15.1010, 16.1081, 16.4204



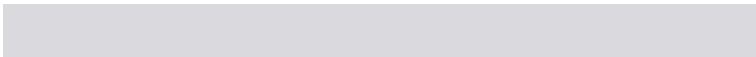
26.4405, 36.6631, 5.6831



1.9019, 2.5770, 0.3972

Inverse Universe

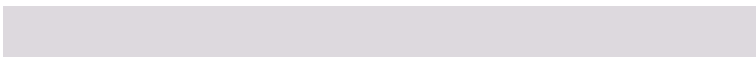
The Inverse Universe completely reimagines the original color for something new.



66.9139, 69.8070, 79.0584



90.4438, 94.0744, 107.9990



67.6669, 70.1952, 79.0936



14.5271, 15.0655, 17.5299



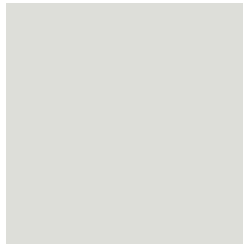
8.5349, 3.4952, 41.2732



0.6645, 0.2799, 2.8642

Previews

White Background



This preview shows how the XYZ color 68.4645, 72.6245, 76.0551 looks on a white background.

Color Contrast Check

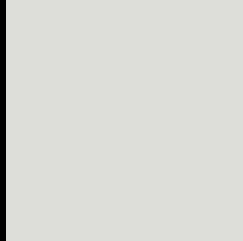
Large Text (above 18pt) WCAG AA × Fail

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 68.4645, 72.6245, 76.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

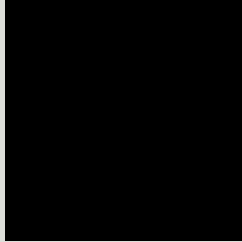
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

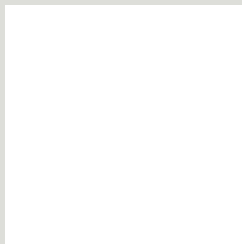
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4645, 72.6245, 76.0551

Background



This preview shows how black text looks on a background with the XYZ color 68.4645, 72.6245, 76.0551.

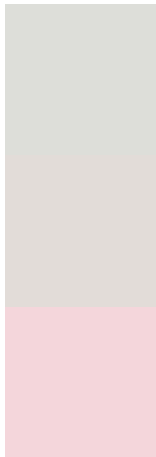


This preview shows how white text looks on a background with the XYZ color 68.4645, 72.6245,

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

68.4645, 72.6245, 76.0551

Protanopia

69.3519, 72.3130, 75.2683

Deuteranopia

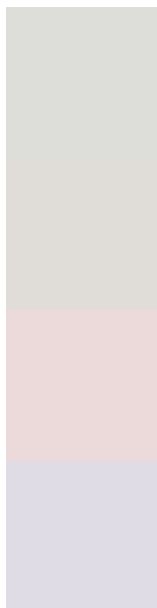
74.1410, 72.4407, 77.0926



Tritanopia

71.2123, 72.5665, 89.6103

Trichromacy



Original Color

68.4645, 72.6245, 76.0551

Protanomaly

68.9916, 72.5181, 75.3269

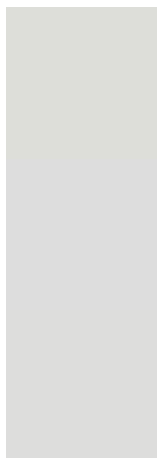
Deuteranomaly

72.0598, 72.5205, 76.5296

Tritanomaly

70.1675, 72.5315, 84.4305

Monochromacy



Original Color

68.4645, 72.6245, 76.0551

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5935, 72.2524, 78.0410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4645, 72.6245, 76.0551 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(221, 222, 217) looks like.

```
.text, #text, p{  
    color:rgb(221, 222, 217)  
}
```

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(221, 222, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 222, 217) }
```

Border

The CSS property to change the border of an element to XYZ 68.4645, 72.6245, 76.0551 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(221, 222, 217) }
```


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

```
.border{ border-color:rgb(221, 222, 217) }
```

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

Here you see how a box with a 4 pixel rgb(221, 222, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 222, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 222, 217);  
box-shadow:4px 4px 4px 4px rgb(221, 222,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4645, 72.6245, 76.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 222, 217) }
```

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

```
.background{ background-color: rgb(221,  
222, 217) }
```

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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