

Converting Colors

XYZ(65.9356, 68.8184, 75.0242)

Have a look what the booklet for
XYZ(65.9356, 68.8184, 75.0242)
contains.

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Color

**XYZ(66.1640, 69.1297,
74.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD8D8
RGB	219, 216, 216
RGB Percent	86%, 85%, 85%
CMY	0.1412, 0.1529, 0.1529
CMYK	0.00, 0.01, 0.01, 0.14
HSL	0°, 4%, 85%
HSV	0°, 1%, 86%
XYZ	66.1640, 69.1297, 74.8219
YIQ	216.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

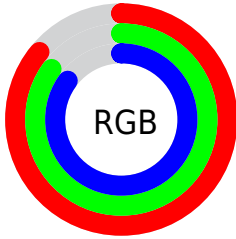
Format	Color
R _Y B	219, 216, 216
Decimal	14407896
CIE Lab	86.57, 1.03, 0.35
CIE LCh	87, 1.084, 18.945
Yxy	69.1297, 0.3149, 0.3290
Android (android.graphics.Color)	4292597976 (0xFFDBD8D8)
YUV	216.8970, -0.4422, 1.8443
Hunter-Lab	83.1443, -3.4569, 4.8457

Details

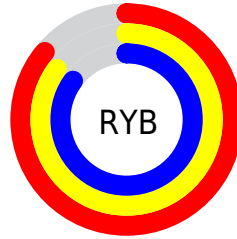
The XYZ color **66.1640, 69.1297, 74.8219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4367, 70.3756, 77.1011**, and the grayscale version is **65.8866, 69.3178, 75.4871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4877, 35.9555, 38.8406** is the 20% darker color. If you saturate the color by 10%, you get **58.2841, 57.6024, 59.1451**, and if you desaturate by 10%, it is **75.1711, 82.3057, 92.7379**.

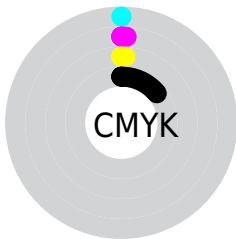
Distribution



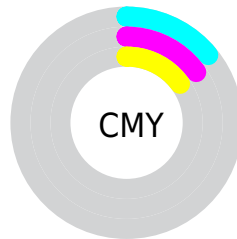
- Red (86%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1640, 69.1297, 74.8219 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 66.1640, 69.1297, 74.8219 by changing the saturation by 10% instead.

■ 66.1640, 69.1297,
74.8219

■ 66.1640, 69.1297,
74.8219

436.4426,
457.4883, 496.5443

■ 48.6737, 50.8173,
54.9661

112.7781,
117.9668, 127.8050

■ 34.5742, 36.0633,
38.9762

142.6327,
149.2603, 161.7694

■ 23.5000, 24.4831,
26.4335

177.3394,
185.6497, 201.2738

■ 15.0859, 15.6923,
16.9196

217.2636,
227.5194, 246.7367

■ 8.9664, 9.3067,
10.0158

262.7707,
275.2537, 298.5767

■ 4.7762, 4.9418,
5.3037

314.2259,

■ 2.1500, 2.2131,

329.2370, 357.2122

2.3647

371.9948,
389.8537, 423.0619

■ 0.7162, 0.7271,
0.7671

■ 0.0000, 0.0000,
0.0000

■ 66.1640, 69.1297,
74.8219

■ 66.1640, 69.1297,
74.8219

■ 58.2841, 57.6024,
59.1451

■ 75.1711, 82.3057,
92.7379

■ 51.4816, 47.6505,
45.6152

■ 83.0239, 93.8003,
108.3372

■ 45.7113, 39.2083,
34.1401

■ 40.9230, 32.2021,
24.6195

■ 37.0618, 26.5520,
16.9443

■ 34.0680, 22.1704,
10.9951

■ 31.8744, 18.9592,
6.6384

■ 30.4043, 16.8064,
3.7211

■ 29.5660, 15.5778,
2.0601

Harmonies

Analogous

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



66.1813, 69.1297, 75.5363



66.1640, 69.1297, 74.8219



66.0237, 69.1297, 74.2313

Triad

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



66.1640, 69.1297, 74.8219



65.3418, 69.1297, 74.3648



65.6131, 69.1297, 76.6375

Complementary

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



66.1640, 69.1297, 74.8219



66.4367, 70.3756, 77.1011

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.



65.3887, 69.1297, 76.3193



66.1640, 69.1297, 74.8219



65.2324, 69.1297, 75.0053

Square

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



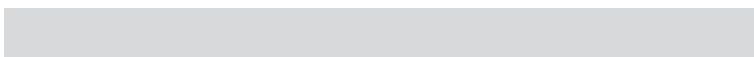
66.1640, 69.1297, 74.8219



65.5489, 69.1297, 73.9686



65.2495, 69.1297, 75.7209



65.8628, 69.1297, 76.5876

Rectangle

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



66.1640, 69.1297, 74.8219



65.8795, 69.1297, 73.9858



65.2495, 69.1297, 75.7209



65.5322, 69.1297, 76.5699

Sweetspot

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



66.1660, 69.1327, 74.8234

95.0500, 100.0000, 108.9000



66.5565, 69.2874, 76.8848



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



66.1660, 69.1327, 74.8234



92.6362, 96.4689, 104.0982



66.5511, 69.9029, 74.9518



14.3707, 14.9753, 16.1694



17.3245, 8.9346, 0.8114



1.1228, 0.5798, 0.0527

Inverse Universe

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



66.4367, 70.3756, 77.1011



93.1965, 99.0415, 108.8127



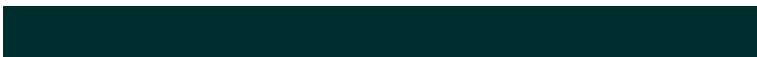
66.0481, 69.5984, 76.9716



14.4519, 15.3483, 16.8530



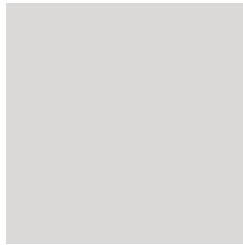
22.5605, 32.9904, 44.9171



1.4620, 2.1382, 2.9101

Previews

White Background



This preview shows how the XYZ color 66.1640, 69.1297, 74.8219 looks on a white background.

Color Contrast Check

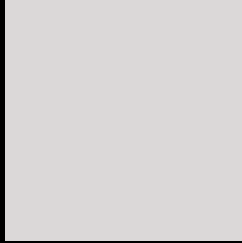
Large Text (above 18pt) WCAG AA × Fail

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 66.1640, 69.1297, 74.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

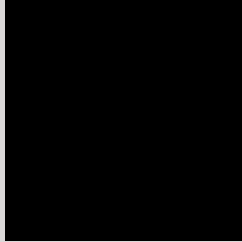
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

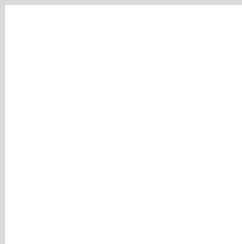
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1640, 69.1297, 74.8219

Background



This preview shows how black text looks on a background with the XYZ color 66.1640, 69.1297, 74.8219.

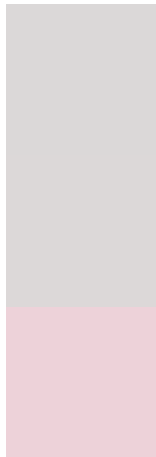


This preview shows how white text looks on a background with the XYZ color 66.1640, 69.1297,

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

66.1640, 69.1297, 74.8219

Protanopia

66.4657, 69.2852, 74.8360

Deuteranopia

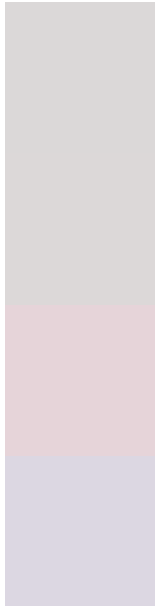
70.4960, 69.1075, 75.2692



Tritanopia

68.2892, 69.2348, 85.3657

Trichromacy



Original Color

66.1640, 69.1297, 74.8219

Protanomaly

66.4657, 69.2852, 74.8360

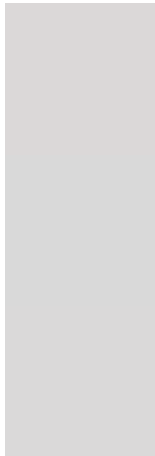
Deuteranomaly

68.7010, 68.9197, 75.3275

Tritanomaly

67.5431, 69.3075, 81.7693

Monochromacy



Original Color

66.1640, 69.1297, 74.8219

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2507, 69.5409, 75.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1640, 69.1297, 74.8219 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, 216) looks like.

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

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, 216) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 66.1640, 69.1297, 74.8219 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, 216) }
```

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

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

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, 216)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 66.1640, 69.1297, 74.8219 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, 216) }
```

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

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

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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