

Converting Colors

XYZ(69.5656, 74.0350, 76.4866)

Have a look what the booklet for
XYZ(69.5656, 74.0350, 76.4866)
contains.

XYZ(69.6115, 74.0090, 76.2619)	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(69.6115, 74.0090,
76.2619)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE0D9
RGB	223, 224, 217
RGB Percent	87%, 88%, 85%
CMY	0.1255, 0.1215, 0.1490
CMYK	0.00, 0.00, 0.03, 0.12
HSL	69°, 10%, 86%
HSV	69°, 3%, 88%
XYZ	69.6115, 74.0090, 76.2619
YIQ	222.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

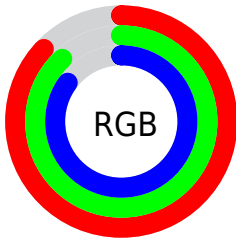
Format	Color
RYB	217, 224, 218
Decimal	14672089
CIELab	88.93, -1.57, 3.29
CIELCh	89, 3.650, 115.543
Yxy	74.0090, 0.3166, 0.3366
Android (android.graphics.Color)	4292862169 (0xFFDFE0D9)
YUV	222.9030, -2.9102, 0.0851
Hunter-Lab	86.0285, -6.1134, 7.6610

Details

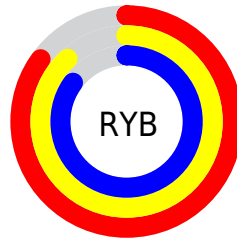
The XYZ color **69.6115, 74.0090, 76.2619** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1836, 69.9149, 80.4787**, and the grayscale version is **70.0913, 73.7415, 80.3045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8580, 39.3094, 39.8273** is the 20% darker color. If you saturate the color by 10%, you get **65.9144, 72.4193, 61.8979**, and if you desaturate by 10%, it is **73.7270, 75.7729, 92.7130**.

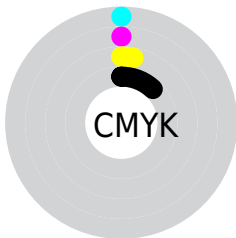
Distribution



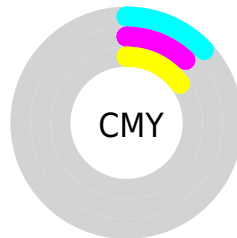
- Red (87%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6115, 74.0090, 76.2619 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 69.6115, 74.0090, 76.2619 by changing the saturation by 10% instead.

■ 69.6115, 74.0090,
76.2619

■ 69.6115, 74.0090,
76.2619

448.4725,
474.5044, 501.6144

■ 51.4883, 54.8014,
56.1393

117.6839,
124.9086, 129.8605

■ 36.8200, 39.2427,
39.9099

148.3637,
157.3693, 164.1737

■ 25.2412, 26.9486,
27.1551

183.9599,
195.0166, 204.0541

■ 16.3865, 17.5346,
17.4562

224.8377,
238.2348, 249.9204

■ 9.8907, 10.6164,
10.3949

271.3625,
287.4083, 302.1910

■ 5.3882, 5.8095,
5.5526

323.8997,

■ 2.5139, 2.7296,

342.9214, 361.2845

2.5106

382.8145,
405.1587, 427.6195

■ 0.9023, 0.9923,
0.8458

■ 0.0000, 0.0000,
0.0000

■ 69.6115, 74.0090,
76.2619

■ 69.6115, 74.0090,
76.2619

■ 65.9144, 72.4193,
61.8979

■ 73.7270, 75.7729,
92.7130

■ 62.6137, 70.9880,
49.5328

■ 77.1550, 77.2617,
105.4542

■ 59.6943, 69.7114,
39.0792

■ 78.1914, 77.7959,
105.5027

■ 57.1380, 68.5821,
30.4416

■ 79.2468, 78.3400,
105.5521

■ 54.9251, 67.5923,
23.5161

■ 80.3215, 78.8940,
105.6024

■ 53.0336, 66.7332,
18.1882

■ 81.4153, 79.4579,
105.6536

■ 51.4392, 65.9949,
14.3296

■ 82.5285, 80.0318,
105.7057

■ 50.1135, 65.3663,
11.7923

■ 83.6612, 80.6157,
105.7587

■ 49.0224, 64.8336,
10.3973

■ 84.8134, 81.2097,
105.8126

Harmonies

Analogous

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



70.4758, 74.0090, 75.8174



69.6115, 74.0090, 76.2619



68.9483, 74.0090, 77.8549

Triad

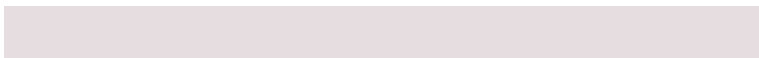
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6115, 74.0090, 76.2619



69.3841, 74.0090, 84.6724



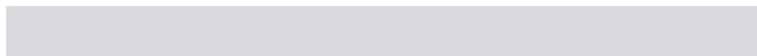
72.0550, 74.0090, 80.9628

Complementary

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



69.6115, 74.0090, 76.2619



67.1836, 69.9149, 80.4787

Split Complementary

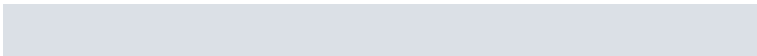
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7570, 74.0090, 83.3746



69.6115, 74.0090, 76.2619



70.2111, 74.0090, 85.5446

Square

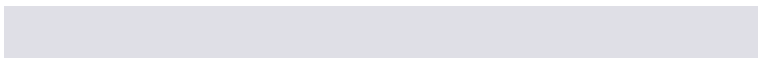
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



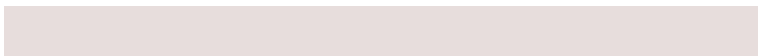
69.6115, 74.0090, 76.2619



68.8178, 74.0090, 82.7048



71.0803, 74.0090, 85.0648



71.8912, 74.0090, 78.4982

Rectangle

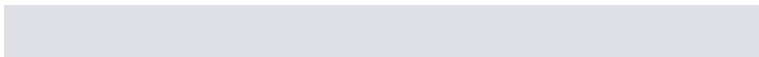
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



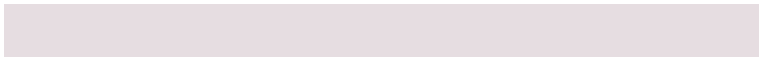
69.6115, 74.0090, 76.2619



68.7070, 74.0090, 79.3716



71.0803, 74.0090, 85.0648



72.0055, 74.0090, 81.8071

Sweetspot

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



69.6136, 74.0122, 76.2635



94.5078, 99.7676, 106.7458



68.3214, 70.9673, 75.7439



20.2343, 21.3568, 22.8707



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.



69.6136, 74.0122, 76.2635



92.9152, 99.0842, 100.4542



68.5668, 73.4725, 76.2145



15.0541, 16.0907, 16.1095



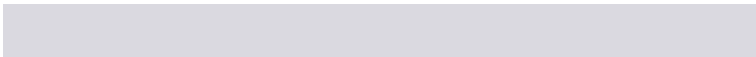
28.2288, 37.5850, 5.7668



2.0102, 2.6328, 0.4022

Inverse Universe

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



67.1836, 69.9149, 80.4787



88.7399, 92.0441, 107.6969



68.2206, 70.4495, 80.5272



14.2617, 14.7547, 17.4839



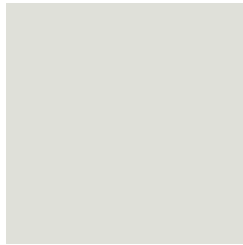
8.2378, 3.3420, 41.2593



0.6298, 0.2619, 2.8626

Previews

White Background



This preview shows how the XYZ color 69.6115, 74.0090, 76.2619 looks on a white background.

Color Contrast Check

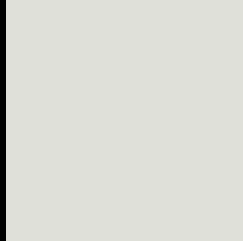
Large Text (above 18pt) WCAG AA × Fail

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 69.6115, 74.0090, 76.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

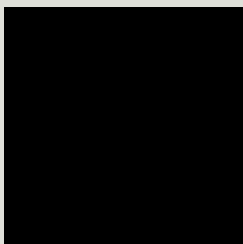
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

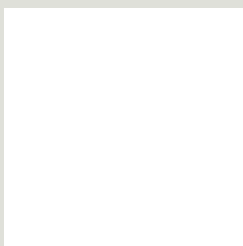
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6115, 74.0090, 76.2619

Background



This preview shows how black text looks on a background with the XYZ color 69.6115, 74.0090, 76.2619.

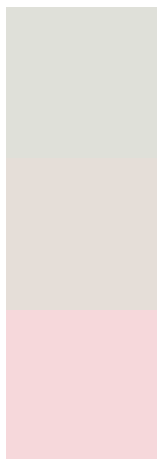


This preview shows how white text looks on a background with the XYZ color 69.6115, 74.0090,

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

69.6115, 74.0090, 76.2619

Protanopia

70.8290, 73.8584, 75.4888

Deuteranopia

75.3481, 73.8190, 77.2951



Tritanopia

72.6531, 74.0547, 91.3537

Trichromacy



Original Color

69.6115, 74.0090, 76.2619

Protanomaly

70.4609, 74.0641, 75.5479

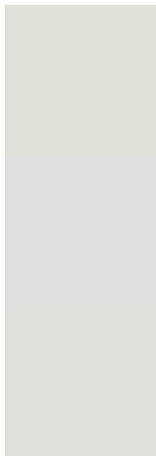
Deuteranomaly

73.2463, 73.9021, 76.7337

Tritanomaly

71.4555, 73.9633, 85.3731

Monochromacy



Original Color

69.6115, 74.0090, 76.2619

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8702, 73.6838, 78.9464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6115, 74.0090, 76.2619 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(223, 224, 217) looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 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(223, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.6115, 74.0090, 76.2619 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(223, 224, 217) }
```


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

```
.border{ border-color:rgb(223, 224, 217) }
```

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

Here you see how a box with a 4 pixel rgb(223, 224, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6115, 74.0090, 76.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 217) }
```

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

```
.background{ background-color: rgb(223,  
224, 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](#).

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