

Converting Colors

XYZ(69.1780, 74.8345, 71.0501)

Have a look what the booklet for
XYZ(69.1780, 74.8345, 71.0501)
contains.

XYZ(69.1364, 74.6841, 71.0932)	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(69.1364, 74.6841,
71.0932)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2D1
RGB	223, 226, 209
RGB Percent	87%, 89%, 82%
CMY	0.1255, 0.1137, 0.1804
CMYK	0.01, 0.00, 0.08, 0.11
HSL	71°, 23%, 85%
HSV	71°, 8%, 89%
XYZ	69.1364, 74.6841, 71.0932
YIQ	223.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

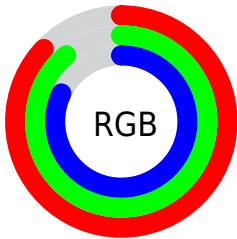
Format	Color
RYB	209, 226, 212
Decimal	14672593
CIELab	89.24, -3.97, 7.95
CIElCh	89, 8.886, 116.555
Yxy	74.6841, 0.3217, 0.3475
Android (android.graphics.Color)	4292862673 (0xFFDFE2D1)
YUV	223.1650, -6.9833, -0.1447
Hunter-Lab	86.4200, -8.4340, 11.7192

Details

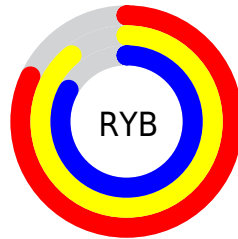
The XYZ color **69.1364, 74.6841, 71.0932** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6822, 65.0910, 81.1628**, and the grayscale version is **70.3045, 73.9658, 80.5488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6278, 39.8172, 36.7653** is the 20% darker color. If you saturate the color by 10%, you get **65.3194, 73.0192, 57.3297**, and if you desaturate by 10%, it is **73.3836, 76.5292, 86.9519**.

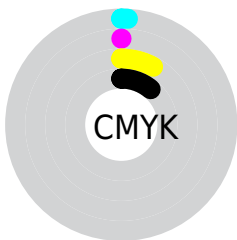
Distribution



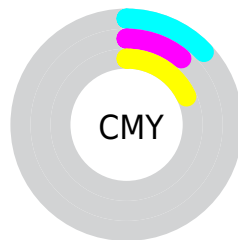
- Red (87%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1364, 74.6841, 71.0932 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 69.1364, 74.6841, 71.0932 by changing the saturation by 10% instead.

■ 69.1364, 74.6841,
71.0932

■ 69.1364, 74.6841,
71.0932

446.8258,
476.8311, 483.2716

■ 51.0998, 55.3541,
51.9360

117.0094,
125.8651, 122.4621

■ 36.5094, 39.6853,
36.5721

147.5765,
158.4849, 155.5109

■ 24.9998, 27.2933,
24.5832

183.0512,
196.3035, 194.0272

■ 16.2057, 17.7936,
15.5506

223.7988,
239.7051, 238.4297

■ 9.7616, 10.8019,
9.0558

270.1848,
289.0743, 289.1368

■ 5.3022, 5.9338,
4.6803

322.5743,

■ 2.4622, 2.8049,

344.7955, 346.5671

2.0055

381.3329,
407.2529, 411.1392

■ 0.8762, 1.0307,
0.5587

■ 0.0000, 0.0000,
0.0000

■ 69.1364, 74.6841,
71.0932

■ 69.1364, 74.6841,
71.0932

■ 65.3194, 73.0192,
57.3297

■ 73.3836, 76.5292,
86.9519

■ 61.9095, 71.5182,
45.5690

■ 78.0706, 78.5512,
104.9834

■ 58.8908, 70.1769,
35.7190

■ 79.5022, 79.2744,
105.7190

■ 56.2439, 68.9876,
27.6785

■ 80.8354, 79.9617,
105.7814

■ 53.9476, 67.9417,
21.3368

■ 82.1983, 80.6643,
105.8452

■ 51.9783, 67.0300,
16.5714

■ 83.5912, 81.3824,
105.9104

■ 50.3096, 66.2417,
13.2430

■ 85.0143, 82.1160,
105.9770

■ 48.9100, 65.5642,
11.1884

■ 86.4677, 82.8653,
106.0450

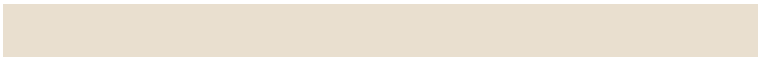
■ 47.7377, 64.9808,
10.1872

■ 86.4878, 82.8756,
106.0459

Harmonies

Analogous

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



71.2359, 74.6841, 69.9666



69.1364, 74.6841, 71.0932



67.5609, 74.6841, 74.9102

Triad

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



69.1364, 74.6841, 71.0932



68.7107, 74.6841, 91.6997



75.2308, 74.6841, 82.0383

Complementary

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



69.1364, 74.6841, 71.0932



63.6822, 65.0910, 81.1628

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.



74.5229, 74.6841, 88.0818



69.1364, 74.6841, 71.0932



70.7346, 74.6841, 93.8358

Square

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



69.1364, 74.6841, 71.0932



67.3186, 74.6841, 86.7769



72.8663, 74.6841, 92.4796



74.7821, 74.6841, 76.0935

Rectangle

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



69.1364, 74.6841, 71.0932



67.0047, 74.6841, 78.5721



72.8663, 74.6841, 92.4796



75.1199, 74.6841, 84.1278

Sweetspot

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



69.1385, 74.6873, 71.0948



93.9089, 99.5054, 104.6172



66.3770, 67.7780, 69.9067



20.1124, 21.3034, 22.4372



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.



69.1385, 74.6873, 71.0948



90.0965, 97.8481, 90.5192



66.6341, 73.3963, 70.9776



14.6218, 15.9007, 14.6053



27.1686, 37.0384, 5.7172



1.9463, 2.5998, 0.3992

Inverse Universe

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



63.6822, 65.0910, 81.1628



81.5476, 82.8122, 106.2941



66.1465, 66.3614, 81.2781



13.1767, 13.3591, 17.2718



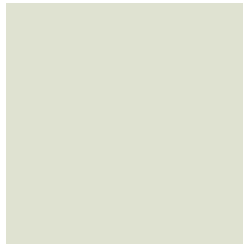
8.3992, 3.4253, 41.2668



0.6500, 0.2724, 2.8636

Previews

White Background



This preview shows how the XYZ color 69.1364, 74.6841, 71.0932 looks on a white background.

Color Contrast Check

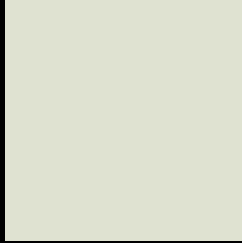
Large Text (above 18pt) WCAG AA × Fail

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 69.1364, 74.6841, 71.0932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

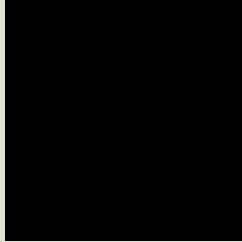
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

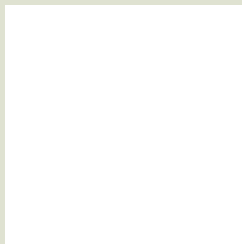
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1364, 74.6841, 71.0932

Background



This preview shows how black text looks on a background with the XYZ color 69.1364, 74.6841, 71.0932.



This preview shows how white text looks on a background with the XYZ color 69.1364, 74.6841,

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

69.1364, 74.6841, 71.0932

Protanopia

71.0516, 74.4852, 70.3068

Deuteranopia

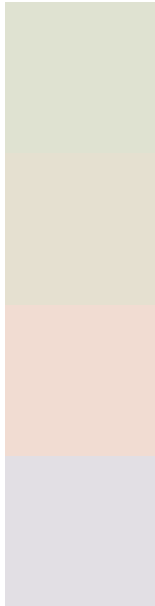
76.0974, 74.3241, 71.9632



Tritanopia

73.3798, 74.8054, 92.2327

Trichromacy



Original Color

69.1364, 74.6841, 71.0932

Protanomaly

70.3539, 74.5234, 70.3509

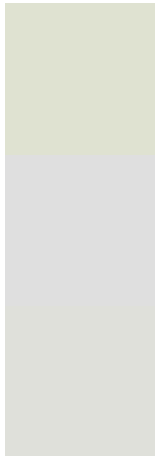
Deuteranomaly

73.5017, 74.5403, 71.4865

Tritanomaly

71.7553, 74.5455, 84.0056

Monochromacy



Original Color

69.1364, 74.6841, 71.0932

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.7420, 74.0612, 76.9491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1364, 74.6841, 71.0932 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, 226, 209) looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 209)  
}
```

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, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 209) }
```

Border

The CSS property to change the border of an element to XYZ 69.1364, 74.6841, 71.0932 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, 226, 209) }
```


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

```
.border{ border-color:rgb(223, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1364, 74.6841, 71.0932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 209) }
```

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

```
.background{ background-color: rgb(223,  
226, 209) }
```

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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