

Converting Colors

XYZ(74.6271, 80.3549, 73.8714)

Have a look what the booklet for
XYZ(74.6271, 80.3549, 73.8714)
contains.

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Color

**XYZ(74.6269, 80.3549,
73.8642)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E9D4
RGB	233, 233, 212
RGB Percent	91%, 91%, 83%
CMY	0.0863, 0.0863, 0.1686
CMYK	0.00, 0.00, 0.09, 0.09
HSL	60°, 32%, 87%
HSV	60°, 9%, 91%
XYZ	74.6269, 80.3549, 73.8642
YIQ	230.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

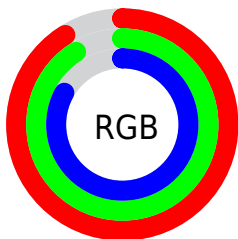
Format	Color
R_{YB}	212, 233, 212
Decimal	15329748
CIE _{Lab}	91.84, -3.57, 10.20
CIE _{LCh}	92, 10.812, 109.302
Yxy	80.3549, 0.3261, 0.3511
Android (android.graphics.Color)	4293519828 (0xFFE9E9D4)
YUV	230.6060, -9.1728, 2.0995
Hunter-Lab	89.6409, -8.2686, 13.8936

Details

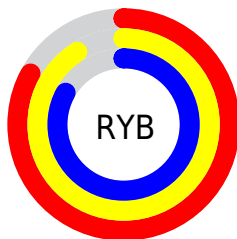
The XYZ color **74.6269, 80.3549, 73.8642** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **65.4059, 66.9694, 86.5741**, and the grayscale version is **75.7272, 79.6709, 86.7616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9394, 43.2257, 38.1367** is the 20% darker color. If you saturate the color by 10%, you get **71.8965, 79.2652, 59.4847**, and if you desaturate by 10%, it is **77.7859, 81.6213, 90.4813**.

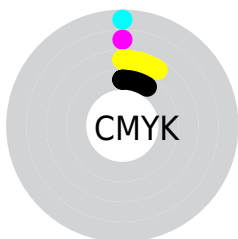
Distribution



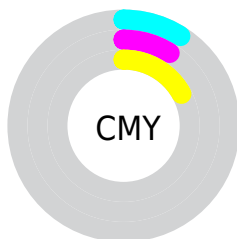
- Red (91%)
- Green (91%)
- Blue (83%)



- Red (83%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6269, 80.3549, 73.8642 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 74.6269, 80.3549, 73.8642 by changing the saturation by 10% instead.

■ 74.6269, 80.3549,
73.8642

■ 74.6269, 80.3549,
73.8642

465.6512,
496.1281, 493.1554

■ 55.6004, 60.0104,
54.1868

124.7748,
133.8646, 126.4355

■ 40.1184, 43.4271,
38.3568

156.6269,
167.7986, 160.1666

■ 27.8155, 30.2203,
25.9558

193.4850,
207.0313, 199.4192

■ 18.3263, 20.0059,
16.5651

235.7142,
251.9470, 244.6120

■ 11.2856, 12.3993,
9.7662

283.6802,
302.9301, 296.1634

■ 6.3280, 7.0162,
5.1407

337.7480,

■ 3.0881, 3.4723,

360.3651, 354.4921

2.2698

398.2833,
424.6363, 420.0166

■ 1.2005, 1.3830,
0.7143

■ 0.1068, 0.2041,
0.0000

■ 74.6269, 80.3549,
73.8642

■ 74.6269, 80.3549,
73.8642

■ 71.8965, 79.2652,
59.4847

■ 77.7859, 81.6213,
90.4813

■ 69.5702, 78.3345,
47.2422

■ 80.7983, 82.8264,
106.3363

■ 67.6306, 77.5585,
37.0364

■ 80.7999, 82.8272,
106.3364

■ 66.0567, 76.9287,
28.7569

■ 80.8014, 82.8280,
106.3365

64.8258, 76.4362,
22.2828

80.8030, 82.8289,
106.3365

63.9121, 76.0705,
17.4795

80.8045, 82.8297,
106.3366

63.2866, 75.8201,
14.1936

80.8061, 82.8305,
106.3367

62.9148, 75.6712,
12.2439

80.8076, 82.8313,
106.3368

62.7438, 75.6027,
11.3518

80.8092, 82.8321,
106.3368

Harmonies

Analogous

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



77.3685, 80.3549, 73.3361



74.6269, 80.3549, 73.8642



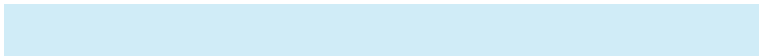
72.4054, 80.3549, 77.9130

Triad

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



74.6269, 80.3549, 73.8642



72.9523, 80.3549, 99.5818



81.7321, 80.3549, 90.3569

Complementary

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



74.6269, 80.3549, 73.8642



65.4059, 66.9694, 86.5741

Split Complementary

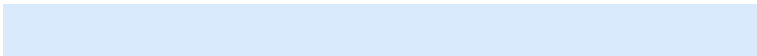
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4870, 80.3549, 97.8273



74.6269, 80.3549, 73.8642



75.3899, 80.3549, 103.3633

Square

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



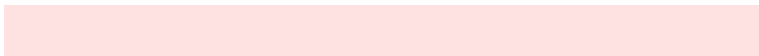
74.6269, 80.3549, 73.8642



71.4548, 80.3549, 92.6353



78.1500, 80.3549, 102.7025



81.5158, 80.3549, 82.5443

Rectangle

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



74.6269, 80.3549, 73.8642



71.4973, 80.3549, 82.2084



78.1500, 80.3549, 102.7025



81.4694, 80.3549, 92.9990

Sweetspot

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



74.6291, 80.3584, 73.8659



93.8420, 99.5167, 102.5418



69.0339, 69.1660, 72.0005



20.0187, 21.2737, 21.5937



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

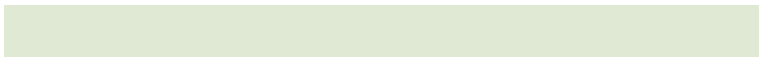
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6291, 80.3584, 73.8659



90.8561, 98.3222, 86.8263



71.3031, 78.6438, 73.7103



16.3517, 17.6268, 16.0592



35.5932, 42.8934, 6.4033



2.7950, 3.3682, 0.5028

Inverse Universe

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



65.4059, 66.9694, 86.5741



77.1700, 78.4545, 105.6837



68.5315, 68.5807, 86.7204



14.2316, 14.5491, 18.9804



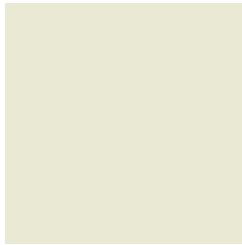
8.3461, 3.3385, 43.9475



0.6555, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 74.6269, 80.3549, 73.8642 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 74.6269, 80.3549, 73.8642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

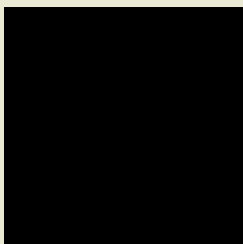
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

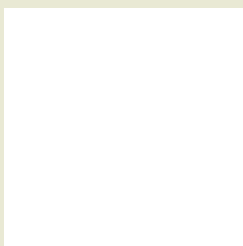
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6269, 80.3549, 73.8642

Background



This preview shows how black text looks on a background with the XYZ color 74.6269, 80.3549, 73.8642.

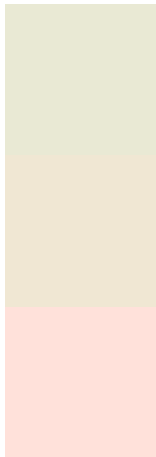


This preview shows how white text looks on a background with the XYZ color 74.6269, 80.3549,

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

74.6269, 80.3549, 73.8642

Protanopia

76.2690, 80.3802, 73.1231

Deuteranopia

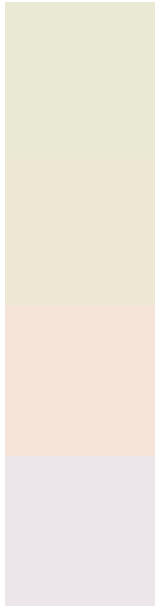
80.8201, 80.1724, 77.5448



Tritanopia

79.6379, 80.3178, 98.4943

Trichromacy



Original Color

74.6269, 80.3549, 73.8642

Protanomaly

75.5395, 80.4209, 73.1694

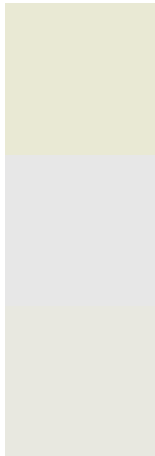
Deuteranomaly

78.4958, 80.2188, 76.3124

Tritanomaly

77.7402, 80.3670, 89.2569

Monochromacy



Original Color

74.6269, 80.3549, 73.8642

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5899, 80.2508, 82.0270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6269, 80.3549, 73.8642 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(233, 233, 212) looks like.

```
.text, #text, p{  
    color:rgb(233, 233, 212)  
}
```

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(233, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 233, 212) }
```

Border

The CSS property to change the border of an element to XYZ 74.6269, 80.3549, 73.8642 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(233, 233, 212) }
```


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

```
.border{ border-color:rgb(233, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(233, 233,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6269, 80.3549, 73.8642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 233, 212) }
```

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

```
.background{ background-color: rgb(233,  
233, 212) }
```

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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