

Converting Colors

XYZ(75.5479, 81.0387, 83.0307)

Have a look what the booklet for
XYZ(75.5479, 81.0387, 83.0307)
contains.

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Color

**XYZ(75.6466, 81.1049,
82.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EAE1
RGB	230, 234, 225
RGB Percent	90%, 92%, 88%
CMY	0.0980, 0.0823, 0.1176
CMYK	0.02, 0.00, 0.04, 0.08
HSL	87°, 18%, 90%
HSV	87°, 4%, 92%
XYZ	75.6466, 81.1049, 82.9020
YIQ	231.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

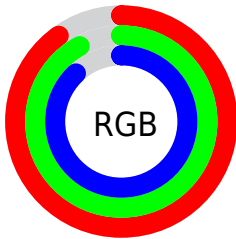
Format	Color
R_{YB}	225, 234, 229
Decimal	15133409
CIE Lab	92.18, -2.92, 3.89
CIE LCh	92, 4.864, 126.950
Yxy	81.1049, 0.3156, 0.3384
Android (android.graphics.Color)	4293323489 (0xFFE6EAE1)
YUV	231.7780, -3.3416, -1.5593
Hunter-Lab	90.0583, -7.6666, 8.4621

Details

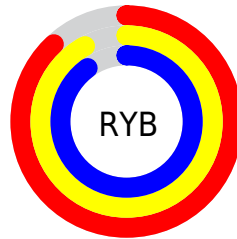
The XYZ color **75.6466, 81.1049, 82.9020** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.0927, 76.4512, 88.6975**, and the grayscale version is **76.5617, 80.5488, 87.7177**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8553, 43.8570, 44.3422** is the 20% darker color. If you saturate the color by 10%, you get **69.4307, 78.2468, 67.0736**, and if you desaturate by 10%, it is **82.5040, 84.2479, 101.0476**.

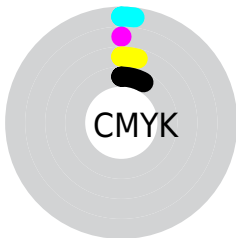
Distribution



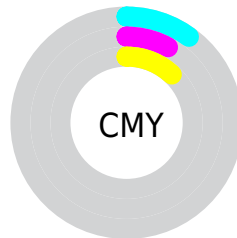
- Red (90%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (90%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (10%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6466, 81.1049, 82.9020 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 75.6466, 81.1049, 82.9020 by changing the saturation by 10% instead.

■ 75.6466, 81.1049,
82.9020

■ 75.6466, 81.1049,
82.9020

469.1001,
498.6487, 524.6223

■ 56.4388, 60.6280,
61.5692

126.2103,
134.9181, 139.2862

■ 40.7932, 43.9250,
44.2511

158.2968,
169.0231, 175.1747

■ 28.3445, 30.6116,
30.5293

195.4070,
208.4396, 216.7521

■ 18.7273, 20.3032,
19.9853

237.9062,
253.5521, 264.4370

■ 11.5762, 12.6157,
12.2004

286.1598,
304.7448, 318.6479

■ 6.5260, 7.1644,
6.7561

340.5330,

■ 3.2111, 3.5651,

362.4022, 379.8034

3.2339

401.3914,
426.9087, 448.3220

■ 1.2664, 1.4334,
1.2153

■ 0.1578, 0.2412,
0.0000

■ 75.6466, 81.1049,
82.9020

■ 75.6466, 81.1049,
82.9020

■ 69.4307, 78.2468,
67.0736

■ 82.5040, 84.2479,
101.0476

■ 63.8284, 75.6541,
53.4638

■ 87.1912, 86.5435,
106.7168

■ 58.8195, 73.3210,
41.9746

■ 88.7144, 87.3288,
106.7881

■ 54.3801, 71.2376,
32.4991

■ 50.4843, 69.3929,
24.9204

■ 47.1039, 67.7753,
19.1102

■ 44.2074, 66.3718,
14.9239

■ 41.7590, 65.1675,
12.1943

■ 39.7158, 64.1447,
10.7177

Harmonies

Analogous

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



76.7962, 81.1049, 81.6268



75.6466, 81.1049, 82.9020



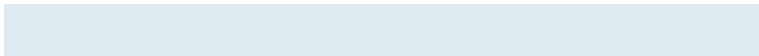
74.8890, 81.1049, 85.6317

Triad

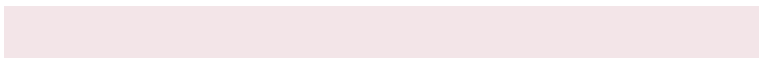
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6466, 81.1049, 82.9020



76.1470, 81.1049, 94.8211



79.5075, 81.1049, 87.4760

Complementary

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



75.6466, 81.1049, 82.9020



74.0927, 76.4512, 88.6975

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.



79.3291, 81.1049, 91.0424



75.6466, 81.1049, 82.9020



77.3801, 81.1049, 95.3472

Square

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



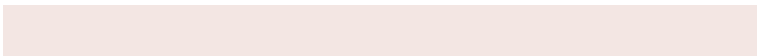
75.6466, 81.1049, 82.9020



75.1758, 81.1049, 92.5283



78.5471, 81.1049, 93.9471



79.0319, 81.1049, 84.2208

Rectangle

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



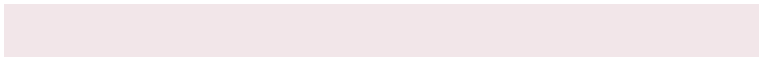
75.6466, 81.1049, 82.9020



74.7036, 81.1049, 87.9423



78.5471, 81.1049, 93.9471



79.5221, 81.1049, 88.6776

Sweetspot

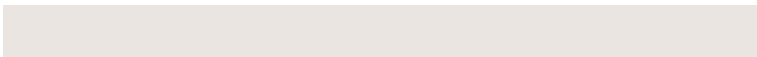
The Sweet Spot groups the original color and five complimentary colors.



75.6489, 81.1084, 82.9038



94.2261, 99.6224, 106.7326



75.5169, 78.9149, 82.4873



20.1770, 21.3273, 22.8680



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

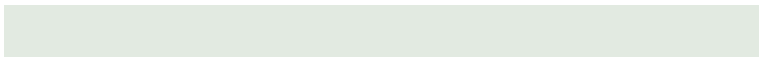
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6489, 81.1084, 82.9038



91.0093, 98.1463, 98.3488



74.2546, 80.3896, 82.8385



16.1867, 17.5129, 17.3540



21.8491, 35.8081, 5.7601



1.8261, 2.8687, 0.4575

Inverse Universe

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



74.0927, 76.4512, 88.6975



88.5596, 90.8150, 107.4692



75.5145, 77.1841, 88.7641



15.6934, 16.0367, 19.1905



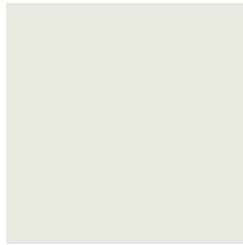
11.6974, 5.0662, 44.1043



1.0276, 0.4540, 3.4684

Previews

White Background



This preview shows how the XYZ color 75.6466, 81.1049, 82.9020 looks on a white background.

Color Contrast Check

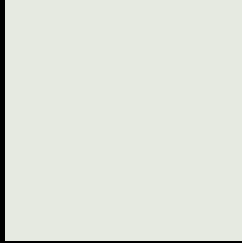
Large Text (above 18pt) WCAG AA × Fail

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 75.6466, 81.1049, 82.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

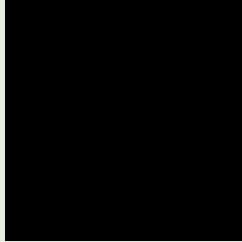
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

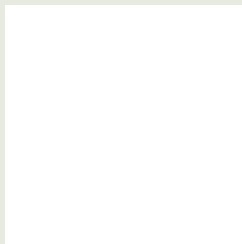
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6466, 81.1049, 82.9020

Background



This preview shows how black text looks on a background with the XYZ color 75.6466, 81.1049, 82.9020.



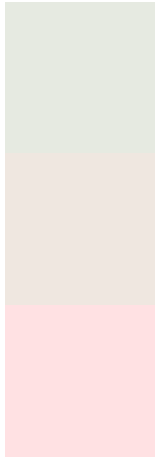
This preview shows how white text looks on a background with the XYZ color 75.6466, 81.1049,

82.9020.

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

75.6466, 81.1049, 82.9020

Protanopia

77.6271, 80.8844, 82.0419

Deuteranopia

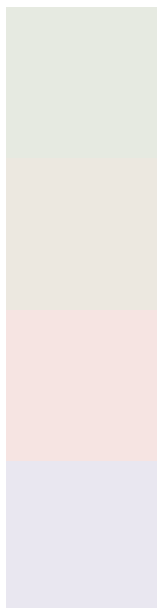
82.0303, 80.6565, 83.9178



Tritanopia

79.3274, 80.9256, 101.0617

Trichromacy



Original Color

75.6466, 81.1049, 82.9020

Protanomaly

76.9032, 80.9279, 82.0884

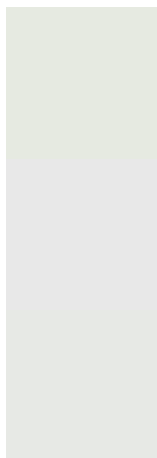
Deuteranomaly

79.4769, 80.5706, 83.3143

Tritanomaly

77.9084, 80.7667, 93.9214

Monochromacy



Original Color

75.6466, 81.1049, 82.9020

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2368, 80.9239, 85.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6466, 81.1049, 82.9020 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(230, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(230, 234, 225)  
}
```

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(230, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 234, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.6466, 81.1049, 82.9020 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(230, 234, 225) }
```


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

```
.border{ border-color:rgb(230, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 234,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6466, 81.1049, 82.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 234, 225) }
```

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

```
.background{ background-color: rgb(230,  
234, 225) }
```

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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