

Converting Colors

XYZ(70.5526, 76.1975, 72.6171)

Have a look what the booklet for
XYZ(70.5526, 76.1975, 72.6171)
contains.

XYZ(70.5526, 76.1975, 72.6171)	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(70.5526, 76.1975,
72.6171)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E4D3
RGB	225, 228, 211
RGB Percent	88%, 89%, 83%
CMY	0.1176, 0.1059, 0.1725
CMYK	0.01, 0.00, 0.07, 0.11
HSL	71°, 24%, 86%
HSV	71°, 7%, 89%
XYZ	70.5526, 76.1975, 72.6171
YIQ	225.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

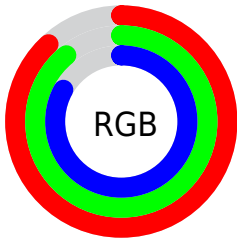
Format	Color
R _Y B	211, 228, 214
Decimal	14804179
CIE Lab	89.95, -3.97, 7.94
CIE LCh	90, 8.871, 116.560
Yxy	76.1975, 0.3216, 0.3474
Android (android.graphics.Color)	4292994259 (0xFFE1E4D3)
YUV	225.1650, -6.9833, -0.1447
Hunter-Lab	87.2912, -8.4880, 11.7808

Details

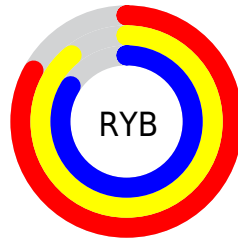
The XYZ color **70.5526, 76.1975, 72.6171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0324, 66.4882, 82.8087**, and the grayscale version is **71.7353, 75.4711, 82.1880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5219, 40.8335, 37.3565** is the 20% darker color. If you saturate the color by 10%, you get **66.6542, 74.4972, 58.5571**, and if you desaturate by 10%, it is **74.8904, 78.0819, 88.8172**.

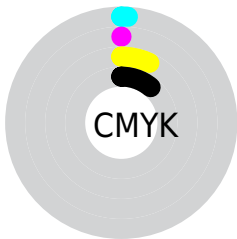
Distribution



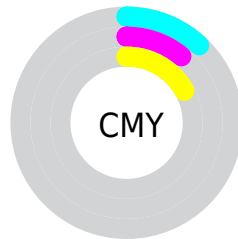
- Red (88%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5526, 76.1975, 72.6171 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 70.5526, 76.1975, 72.6171 by changing the saturation by 10% instead.

■ 70.5526, 76.1975,
72.6171

■ 70.5526, 76.1975,
72.6171

451.7241,
482.0235, 488.7218

■ 52.2584, 56.5945,
53.1730

119.0184,
128.0060, 124.6494

■ 37.4362, 40.6797,
37.5522

149.9208,
160.9804, 158.0746

■ 25.7206, 28.0689,
25.3362

185.7565,
199.1805, 196.9973

■ 16.7463, 18.3776,
16.1064

226.8911,
242.9910, 241.8360

■ 10.1480, 11.2214,
9.4443

273.6898,
292.7961, 293.0093

■ 5.5602, 6.2160,
4.9314

326.5179,

■ 2.6176, 2.9769,

348.9803, 350.9357

2.1490

385.7409,
411.9280, 416.0337

■ 0.9550, 1.1197,
0.6447

■ 0.0000, 0.0000,
0.0000

■ 70.5526, 76.1975,
72.6171

■ 70.5526, 76.1975,
72.6171

■ 66.6542, 74.4972,
58.5571

■ 74.8904, 78.0819,
88.8172

■ 63.1716, 72.9642,
46.5428

■ 79.4183, 80.0433,
105.8719

■ 60.0886, 71.5944,
36.4801

■ 80.7490, 80.7293,
105.9341

■ 57.3854, 70.3798,
28.2657

■ 82.1100, 81.4310,
105.9978

■ 55.0402, 69.3118,
21.7866

■ 83.5014, 82.1483,
106.0629

■ 53.0292, 68.3808,
16.9176

■ 84.9235, 82.8814,
106.1295

■ 51.3251, 67.5758,
13.5165

■ 86.3763, 83.6303,
106.1975

■ 49.8960, 66.8841,
11.4166

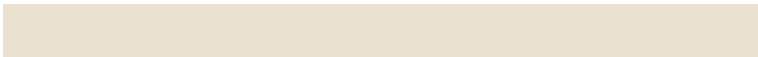
■ 87.0349, 83.9698,
106.2283

■ 48.6994, 66.2886,
10.3947

Harmonies

Analogous

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



72.6770, 76.1975, 71.4758



70.5526, 76.1975, 72.6171



68.9583, 76.1975, 76.4818

Triad

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



70.5526, 76.1975, 72.6171



70.1224, 76.1975, 93.4670



76.7187, 76.1975, 83.6935

Complementary

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



70.5526, 76.1975, 72.6171



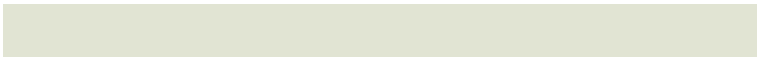
65.0324, 66.4882, 82.8087

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.



76.0028, 76.1975, 89.8070



70.5526, 76.1975, 72.6171



72.1705, 76.1975, 95.6262

Square

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



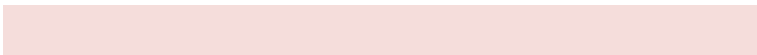
70.5526, 76.1975, 72.6171



68.7135, 76.1975, 88.4891



74.3271, 76.1975, 94.2545



76.2646, 76.1975, 77.6779

Rectangle

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



70.5526, 76.1975, 72.6171



68.3955, 76.1975, 80.1883



74.3271, 76.1975, 94.2545



76.6065, 76.1975, 85.8074

Sweetspot

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



70.5547, 76.2008, 72.6187



93.9089, 99.5053, 104.6172



67.7598, 69.2081, 71.4163



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.



70.5547, 76.2008, 72.6187



90.0964, 97.8480, 90.5191



68.0202, 74.8942, 72.5001



15.3387, 16.6817, 15.3159



28.0457, 38.2396, 5.9028



2.1382, 2.8597, 0.4393

Inverse Universe

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



65.0324, 66.4882, 82.8087



81.5476, 82.8122, 106.2941



67.5268, 67.7741, 82.9255



13.8191, 14.0090, 18.1200



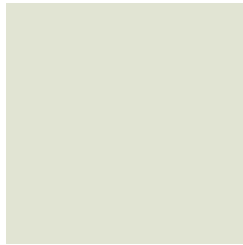
8.6676, 3.5342, 42.6085



0.7103, 0.2972, 3.1519

Previews

White Background



This preview shows how the XYZ color 70.5526, 76.1975, 72.6171 looks on a white background.

Color Contrast Check

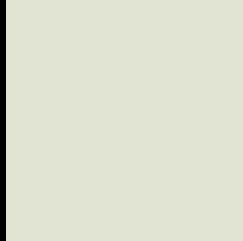
Large Text (above 18pt) WCAG AA × Fail

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 70.5526, 76.1975, 72.6171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

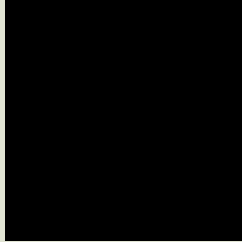
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

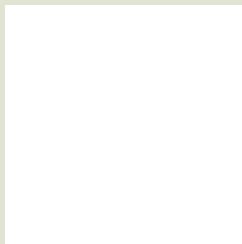
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5526, 76.1975, 72.6171

Background



This preview shows how black text looks on a background with the XYZ color 70.5526, 76.1975, 72.6171.

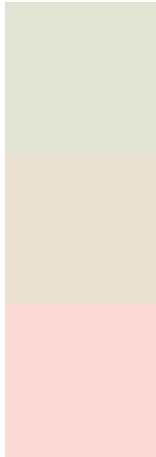


This preview shows how white text looks on a background with the XYZ color 70.5526, 76.1975,

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

70.5526, 76.1975, 72.6171

Protanopia

72.4898, 75.9960, 71.8208

Deuteranopia

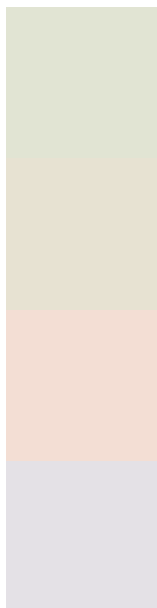
77.5897, 75.8296, 73.4979



Tritanopia

74.8459, 76.3202, 94.0056

Trichromacy



Original Color

70.5526, 76.1975, 72.6171

Protanomaly

71.7842, 76.0348, 71.8655

Deuteranomaly

74.9671, 76.0507, 73.0154

Tritanomaly

73.2030, 76.0576, 85.6853

Monochromacy



Original Color

70.5526, 76.1975, 72.6171

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1660, 75.5676, 78.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5526, 76.1975, 72.6171 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(225, 228, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 211)  
}
```

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(225, 228, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 211) }
```

Border

The CSS property to change the border of an element to XYZ 70.5526, 76.1975, 72.6171 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(225, 228, 211) }
```


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

```
.border{ border-color:rgb(225, 228, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 228, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5526, 76.1975, 72.6171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 211) }
```

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

```
.background{ background-color: rgb(225,  
228, 211) }
```

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