

Converting Colors

XYZ(69.7509, 76.4283, 61.8772)

Have a look what the booklet for
XYZ(69.7509, 76.4283, 61.8772)
contains.

XYZ(69.7518, 76.4276, 62.1146)	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(69.7518, 76.4276,
62.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E5C2
RGB	228, 229, 194
RGB Percent	89%, 90%, 76%
CMY	0.1059, 0.1019, 0.2392
CMYK	0.00, 0.00, 0.15, 0.10
HSL	62°, 40%, 83%
HSV	62°, 15%, 90%
XYZ	69.7518, 76.4276, 62.1146
YIQ	224.7110, 10.6390, -11.0970

Conversions

Conversions Part 2

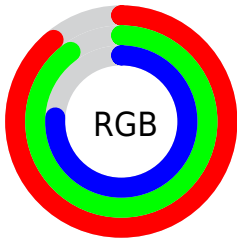
Format	Color
RYB	194, 229, 195
Decimal	15001026
CIELab	90.06, -6.15, 16.99
CIELCh	90, 18.063, 109.890
Yxy	76.4276, 0.3349, 0.3669
Android (android.graphics.Color)	4293191106 (0xFFE4E5C2)
YUV	224.7110, -15.1405, 2.8845
Hunter-Lab	87.4229, -10.5708, 19.0700

Details

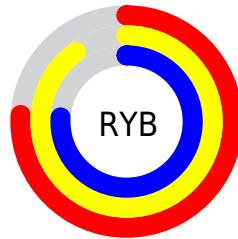
The XYZ color **69.7518, 76.4276, 62.1146** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.9432, 55.8448, 81.9635**, and the grayscale version is **71.4621, 75.1837, 81.8751**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **36.8829, 40.9362, 30.7685** is the 20% darker color. If you saturate the color by 10%, you get **67.1682, 75.3727, 49.5869**, and if you desaturate by 10%, it is **72.7367, 77.6482, 76.7331**.

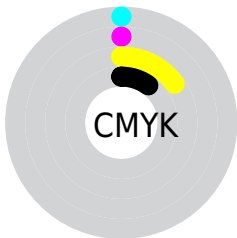
Distribution



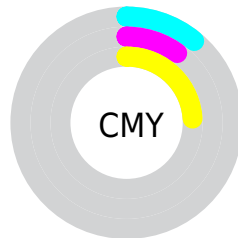
- Red (89%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7518, 76.4276, 62.1146 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 69.7518, 76.4276, 62.1146 by changing the saturation by 10% instead.

69.7518, 76.4276,
62.1146

69.7518, 76.4276,
62.1146

448.9581,
482.8102, 450.3682

51.6031, 56.7832,
44.6889

117.8829,
128.3312, 109.4643

36.9118, 40.8312,
30.8713

148.5961,
161.3591, 140.2255

25.3126, 28.1872,
20.2432

184.2280,
199.6171, 176.2689

16.4400, 18.4668,
12.3861

225.1442,
243.4894, 218.0130

9.9289, 11.2857,
6.8815

271.7100,
293.3604, 265.8765

5.4137, 6.2593,
3.3108

324.2906,

2.5292, 3.0034,

349.6147, 320.2778

1.2554

383.2515,
412.6365, 381.6355

■ 0.9100, 1.1335,
0.0248

■ 0.0000, 0.0064,
0.0000

■ 69.7518, 76.4276,
62.1146

■ 69.7518, 76.4276,
62.1146

■ 67.1682, 75.3727,
49.5869

■ 72.7367, 77.6482,
76.7331

■ 64.9617, 74.4661,
39.0499

■ 76.1337, 79.0313,
93.5266


■ 63.1148, 73.7035,
30.4024


■ 78.6953, 80.0803,
105.9171


■ 61.6062, 73.0763,
23.5327


■ 78.9067, 80.1892,
105.9270


 60.4126, 72.5751,
18.3170


 79.1188, 80.2986,
105.9369


 59.5074, 72.1895,
14.6162

 79.3318, 80.4084,
105.9469


 58.8598, 71.9069,
12.2678

 79.5455, 80.5185,
105.9569

 58.4320, 71.7124,
11.0727

 79.7600, 80.6291,
105.9669

 58.2775, 71.6396,
10.7563

 79.9754, 80.7402,
105.9770

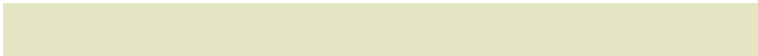
Harmonies

Analogous

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



74.1641, 76.4276, 61.2235



69.7518, 76.4276, 62.1146



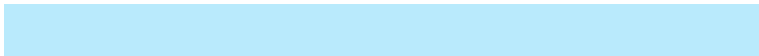
66.2536, 76.4276, 68.3187

Triad

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



69.7518, 76.4276, 62.1146



67.2347, 76.4276, 103.5381



81.4532, 76.4276, 87.6209

Complementary

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



69.7518, 76.4276, 62.1146



55.9432, 55.8448, 81.9635

Split Complementary

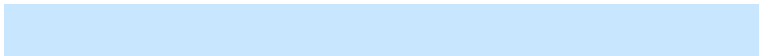
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4287, 76.4276, 100.1368



69.7518, 76.4276, 62.1146



71.1411, 76.4276, 109.9317

Square

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



69.7518, 76.4276, 62.1146



64.8422, 76.4276, 91.8918



75.6112, 76.4276, 108.6267



81.0438, 76.4276, 75.1055

Rectangle

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



69.7518, 76.4276, 62.1146



64.8527, 76.4276, 75.0226



75.6112, 76.4276, 108.6267



81.0316, 76.4276, 91.9866

Sweetspot

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



69.7538, 76.4310, 62.1162



92.9301, 99.1365, 98.4387



61.4750, 59.3986, 59.2650



19.8294, 21.1942, 20.7674



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.



69.7538, 76.4310, 62.1162



88.0379, 97.1394, 74.4962



64.5998, 73.7740, 61.8750



15.5585, 16.7950, 15.3262



33.3369, 40.9673, 6.1504



2.4765, 3.0340, 0.4551

Inverse Universe

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



55.9432, 55.8448, 81.9635



67.5724, 66.6330, 103.9078



60.6123, 58.2518, 82.1820



13.6209, 13.9068, 18.1107



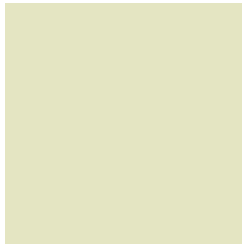
8.1503, 3.2675, 42.5843



0.6159, 0.2485, 3.1475

Previews

White Background



This preview shows how the XYZ color 69.7518, 76.4276, 62.1146 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 69.7518, 76.4276, 62.1146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

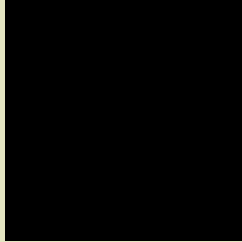
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

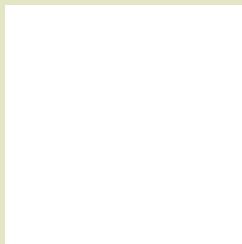
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7518, 76.4276, 62.1146

Background



This preview shows how black text looks on a background with the XYZ color 69.7518, 76.4276, 62.1146.



This preview shows how white text looks on a background with the XYZ color 69.7518, 76.4276,

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

69.7518, 76.4276, 62.1146

Protanopia

71.9707, 76.3756, 60.8179

Deuteranopia

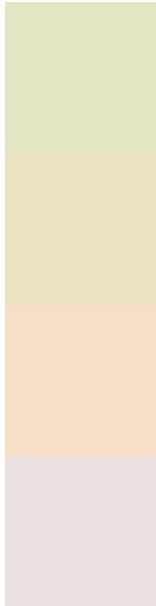
77.1141, 76.1401, 65.8905



Tritanopia

76.0475, 76.5590, 93.2073

Trichromacy



Original Color

69.7518, 76.4276, 62.1146

Protanomaly

71.0264, 76.2809, 61.4323

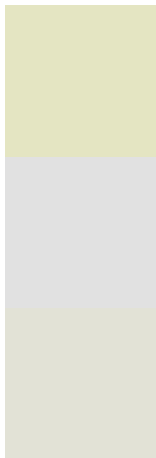
Deuteranomaly

74.2369, 76.2650, 64.2340

Tritanomaly

73.5232, 76.3339, 80.6709

Monochromacy



Original Color

69.7518, 76.4276, 62.1146

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.6980, 75.4165, 74.4490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7518, 76.4276, 62.1146 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(228, 229, 194)` looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 194)  
}
```

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(228, 229, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 194) }
```

Border

The CSS property to change the border of an element to XYZ 69.7518, 76.4276, 62.1146 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(228, 229, 194) }
```


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

```
.border{ border-color:rgb(228, 229, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 229, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 194);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7518, 76.4276, 62.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 194) }
```

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

```
.background{ background-color: rgb(228,  
229, 194) }
```

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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