

Converting Colors

XYZ(69.1615, 76.6187, 72.8695)

Have a look what the booklet for
XYZ(69.1615, 76.6187, 72.8695)
contains.

XYZ(69.2472, 76.7604, 72.7945)	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(69.2472, 76.7604,
72.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE7D3
RGB	218, 231, 211
RGB Percent	85%, 91%, 83%
CMY	0.1451, 0.0941, 0.1725
CMYK	0.06, 0.00, 0.09, 0.09
HSL	99°, 29%, 87%
HSV	99°, 9%, 91%
XYZ	69.2472, 76.7604, 72.7945
YIQ	224.8330, -1.3280, -8.9760

Conversions

Conversions Part 2

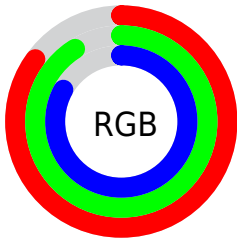
Format	Color
R _{YB}	211, 231, 224
Decimal	14346195
CIE Lab	90.21, -7.90, 8.24
CIE LCh	90, 11.415, 133.780
Yxy	76.7604, 0.3165, 0.3508
Android (android.graphics.Color)	4292536275 (0xFFDAE7D3)
YUV	224.8330, -6.8197, -5.9925
Hunter-Lab	87.6130, -12.2407, 12.0672

Details

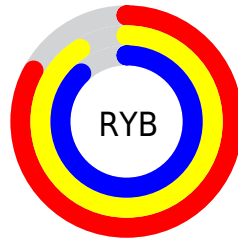
The XYZ color **69.2472, 76.7604, 72.7945** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4616, 68.2074, 85.1624**, and the grayscale version is **71.4980, 75.2215, 81.9162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4350, 40.8468, 37.4164** is the 20% darker color. If you saturate the color by 10%, you get **62.2681, 73.4757, 58.4214**, and if you desaturate by 10%, it is **77.0538, 80.4280, 89.3819**.

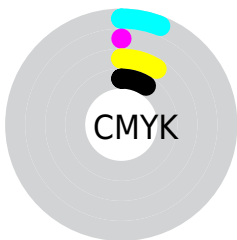
Distribution



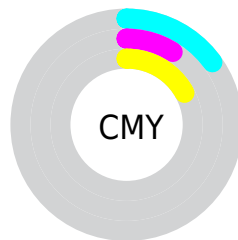
- Red (85%)
- Green (91%)
- Blue (83%)



- Red (83%)
- Yellow (91%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2472, 76.7604, 72.7945 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 69.2472, 76.7604, 72.7945 by changing the saturation by 10% instead.

■ 69.2472, 76.7604,
72.7945

■ 69.2472, 76.7604,
72.7945

447.2101,
483.9467, 489.3539

■ 51.1904, 57.0562,
53.3171

117.1667,
128.8012, 124.9036

■ 36.5818, 41.0504,
37.6665

147.7602,
161.9066, 158.3725

■ 25.0561, 28.3585,
25.4242

183.2632,
200.2480, 197.3423

■ 16.2478, 18.5961,
16.1715

224.0413,
244.2096, 242.2315

■ 9.7916, 11.3788,
9.4899

270.4596,
294.1759, 293.4588

■ 5.3222, 6.3222,
4.9609

322.8836,

■ 2.4742, 3.0420,

350.5312, 351.4426

2.1660

381.6787,
413.6600, 416.6015

■ 0.8823, 1.1537,
0.6547

■ 0.0000, 0.0234,
0.0000

■ 69.2472, 76.7604,
72.7945

■ 69.2472, 76.7604,
72.7945

■ 62.2681, 73.4757,
58.4214

■ 77.0538, 80.4280,
89.3819

■ 56.0816, 70.5513,
46.1642

■ 85.3516, 84.3379,
106.3881

■ 50.6597, 67.9773,
35.9242

■ 87.8674, 85.6349,
106.5058

■ 45.9703, 65.7393,
27.5930

■ 41.9786, 63.8222,
21.0522

■ 38.6467, 62.2091,
16.1699

■ 35.9326, 60.8818,
12.7963

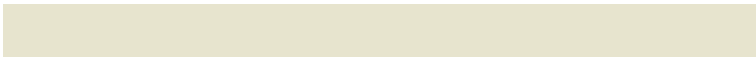
■ 33.7882, 59.8193,
10.7543

■ 32.1480, 58.9936,
9.7815

Harmonies

Analogous

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



71.6662, 76.7604, 69.2995



69.2472, 76.7604, 72.7945



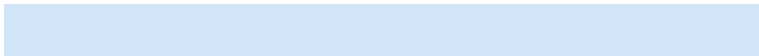
67.8426, 76.7604, 79.2888

Triad

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



69.2472, 76.7604, 72.7945



71.4446, 76.7604, 99.5031



78.3883, 76.7604, 79.9110

Complementary

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



69.2472, 76.7604, 72.7945



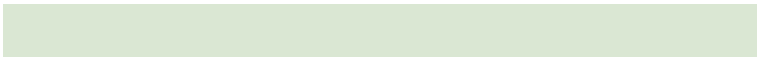
68.4616, 68.2074, 85.1624

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.



78.3252, 76.7604, 88.0213



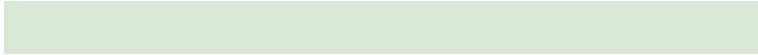
69.2472, 76.7604, 72.7945



74.2662, 76.7604, 99.6966

Square

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



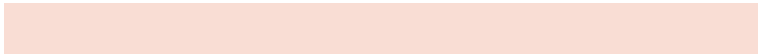
69.2472, 76.7604, 72.7945



69.0886, 76.7604, 94.8664



76.8000, 76.7604, 95.3793



76.9701, 76.7604, 73.2245

Rectangle

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



69.2472, 76.7604, 72.7945



67.6472, 76.7604, 84.6137



76.8000, 76.7604, 95.3793



78.5407, 76.7604, 82.5528

Sweetspot

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



69.2493, 76.7637, 72.7962



92.0365, 98.5860, 102.4573



71.3716, 75.0066, 72.3452



19.5307, 21.0221, 21.5709



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.



69.2493, 76.7637, 72.7962



85.3748, 95.4555, 88.4203



67.5798, 75.8592, 74.7003



14.6626, 16.3331, 15.2843



18.0356, 33.0792, 5.4343



1.4304, 2.4948, 0.4061

Inverse Universe

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



68.4616, 68.2074, 85.1624



84.2410, 83.1425, 106.2159



70.2557, 69.1809, 83.0527



14.4800, 14.3497, 18.1509



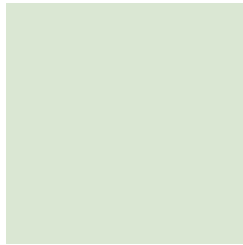
15.2941, 6.9503, 42.9186



1.2297, 0.5649, 3.1762

Previews

White Background



This preview shows how the XYZ color 69.2472, 76.7604, 72.7945 looks on a white background.

Color Contrast Check

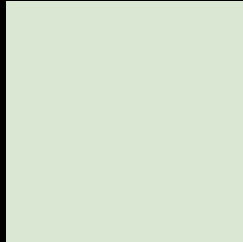
Large Text (above 18pt) WCAG AA × Fail

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 69.2472, 76.7604, 72.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

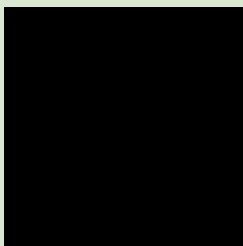
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

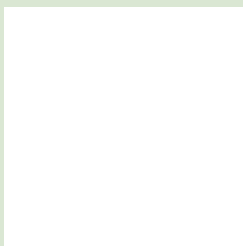
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2472, 76.7604, 72.7945

Background



This preview shows how black text looks on a background with the XYZ color 69.2472, 76.7604, 72.7945.

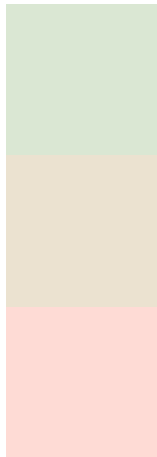


This preview shows how white text looks on a background with the XYZ color 69.2472, 76.7604,

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

69.2472, 76.7604, 72.7945

Protanopia

72.8425, 76.6089, 70.6223

Deuteranopia

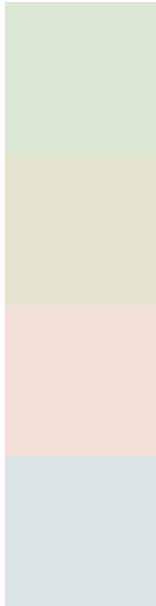
78.2148, 76.5380, 73.6017



Tritanopia

73.9569, 76.6123, 96.4777

Trichromacy



Original Color

69.2472, 76.7604, 72.7945

Protanomaly

71.5651, 76.7483, 71.3636

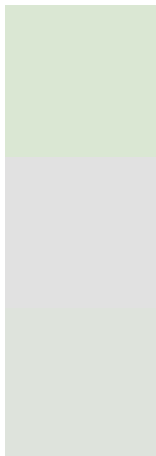
Deuteranomaly

74.5470, 76.2296, 73.0721

Tritanomaly

72.1277, 76.6852, 87.3441

Monochromacy



Original Color

69.2472, 76.7604, 72.7945

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.5116, 75.6351, 78.5928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2472, 76.7604, 72.7945 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(218, 231, 211) looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 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(218, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.2472, 76.7604, 72.7945 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(218, 231, 211) }
```


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

```
.border{ border-color:rgb(218, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2472, 76.7604, 72.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 211) }
```

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

```
.background{ background-color: rgb(218,  
231, 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](#).

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