

Converting Colors

XYZ(75.6452, 78.0820, 69.4769)

Have a look what the booklet for
XYZ(75.6452, 78.0820, 69.4769)
contains.

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Color

**XYZ(75.6452, 78.0820,
69.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E2CE
RGB	244, 226, 206
RGB Percent	96%, 89%, 81%
CMY	0.0431, 0.1137, 0.1922
CMYK	0.00, 0.07, 0.16, 0.04
HSL	32°, 63%, 88%
HSV	32°, 16%, 96%
XYZ	75.6452, 78.0820, 69.4769
YIQ	229.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

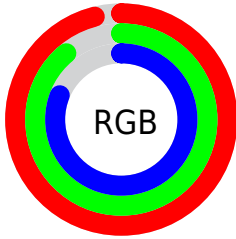
Format	Color
RYB	240, 244, 206
Decimal	16048846
CIELab	90.82, 2.94, 11.98
CIElCh	91, 12.340, 76.219
Yxy	78.0820, 0.3389, 0.3498
Android (android.graphics.Color)	4294238926 (0xFFFF4E2CE)
YUV	229.1020, -11.3893, 13.0655
Hunter-Lab	88.3640, -1.8297, 15.2376

Details

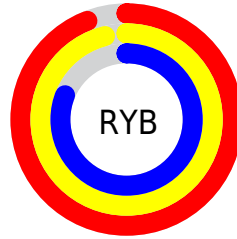
The XYZ color **75.6452, 78.0820, 69.4769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4382, 72.9634, 96.0651**, and the grayscale version is **74.6253, 78.5117, 85.4992**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9694, 42.0842, 35.6695** is the 20% darker color. If you saturate the color by 10%, you get **69.8718, 70.9158, 54.0459**, and if you desaturate by 10%, it is **82.0949, 85.8627, 87.4054**.

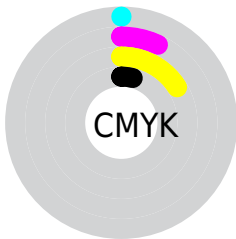
Distribution



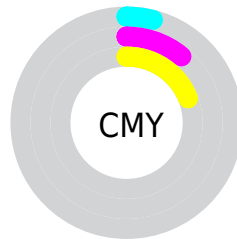
- Red (96%)
- Green (89%)
- Blue (81%)



- Red (94%)
- Yellow (96%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6452, 78.0820, 69.4769 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 75.6452, 78.0820, 69.4769 by changing the saturation by 10% instead.


 75.6452, 78.0820,
69.4769

 75.6452, 78.0820,
69.4769


469.0954,
488.4453, 477.4506

 56.4377, 58.1413,
50.6260


126.2083,
130.6657, 120.1366

 40.7923, 41.9223,
35.5364


158.2945,
164.0776, 152.7825

 28.3438, 29.0404,
23.7895


195.4044,
202.7486, 190.8638

 18.7267, 19.1114,
14.9668

237.9032,
247.0632, 234.7991

 11.5758, 11.7508,
8.6497

286.1564,
297.4058, 285.0068

 6.5257, 6.5742,
4.4197

340.5292,

 3.2110, 3.1973,

354.1607, 341.9057

1.8583

401.3871,
417.7124, 405.9141

■ 1.2663, 1.2356,
0.4660

■ 0.1578, 0.0905,
0.0000

■ 75.6452, 78.0820,
69.4769

■ 75.6452, 78.0820,
69.4769

■ 69.8718, 70.9158,
54.0459

■ 82.0949, 85.8627,
87.4054

■ 64.7429, 64.3371,
40.9945

■ 89.2382, 94.2636,
107.9320

■ 60.2337, 58.3316,
30.2029

■ 91.1186, 97.9733,
108.7160

■ 56.3148, 52.8805,
21.5384

■ 52.9541, 47.9638,
14.8547

■ 50.1158, 43.5596,
9.9863

■ 47.7587, 39.6434,
6.7406

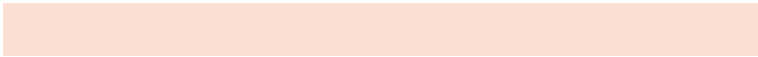
■ 45.8330, 36.1872,
4.8798

■ 45.0866, 34.7894,
4.3387

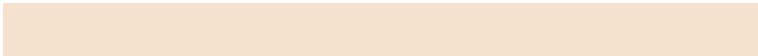
Harmonies

Analogous

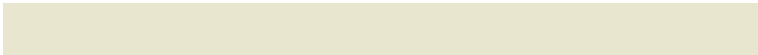
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4204, 78.0820, 73.2667



75.6452, 78.0820, 69.4769



72.5604, 78.0820, 69.6415

Triad

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



75.6452, 78.0820, 69.4769



68.6310, 78.0820, 89.8811



78.6068, 78.0820, 97.3993

Complementary

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



75.6452, 78.0820, 69.4769



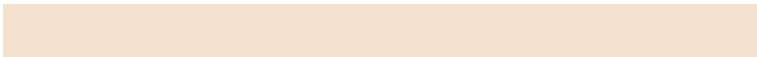
68.4382, 72.9634, 96.0651

Split Complementary

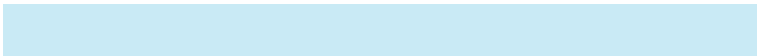
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8938, 78.0820, 102.5061



75.6452, 78.0820, 69.4769



70.1619, 78.0820, 97.9631

Square

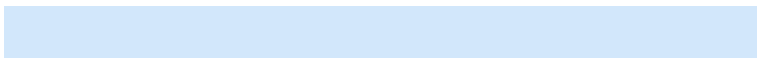
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6452, 78.0820, 69.4769



68.5687, 78.0820, 81.0116



72.8021, 78.0820, 102.7194



80.1622, 78.0820, 89.1544

Rectangle

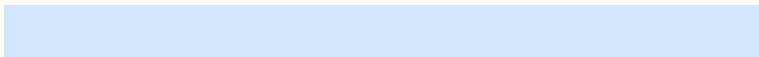
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6452, 78.0820, 69.4769



70.7443, 78.0820, 71.9624



72.8021, 78.0820, 102.7194



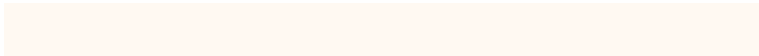
77.7966, 78.0820, 99.5643

Sweetspot

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



75.6473, 78.0855, 69.4786



91.1685, 95.4137, 97.8130



72.8848, 68.7785, 80.2171



19.4004, 20.2875, 20.6150



0.0000, 0.0000, 0.0000



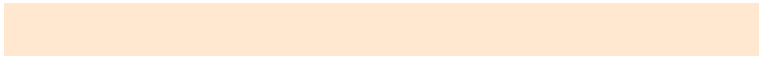
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6473, 78.0855, 69.4786



81.3198, 83.4876, 70.5721



80.5810, 88.2785, 71.1860



17.2212, 17.9265, 17.3501



24.6534, 19.1924, 2.4051



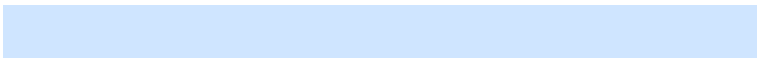
2.2697, 1.8926, 0.2457

Inverse Universe

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



68.4382, 72.9634, 96.0651



71.8129, 76.7332, 105.6338



64.0313, 63.8880, 94.5456



16.2284, 17.2211, 21.0112



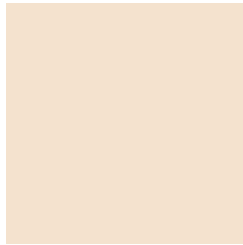
12.3813, 10.5564, 47.9230



1.1903, 1.1320, 4.2460

Previews

White Background



This preview shows how the XYZ color 75.6452, 78.0820, 69.4769 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 75.6452, 78.0820, 69.4769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

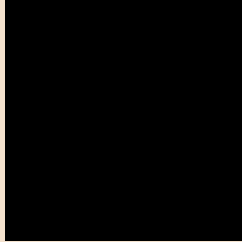
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6452, 78.0820, 69.4769

Background



This preview shows how black text looks on a background with the XYZ color 75.6452, 78.0820, 69.4769.



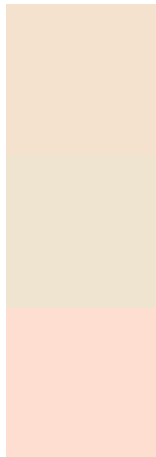
This preview shows how white text looks on a background with the XYZ color 75.6452, 78.0820,

69.4769.

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

75.6452, 78.0820, 69.4769

Protanopia

74.2658, 78.1689, 70.2054

Deuteranopia

78.9941, 78.1557, 71.8949



Tritanopia

80.1478, 77.9014, 92.4736

Trichromacy



Original Color

75.6452, 78.0820, 69.4769

Protanomaly

74.6668, 77.9684, 70.1455

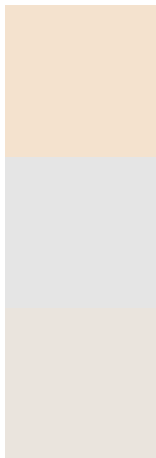
Deuteranomaly

77.6800, 77.8880, 71.2613

Tritanomaly

78.6106, 78.0956, 83.6038

Monochromacy



Original Color

75.6452, 78.0820, 69.4769

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7262, 78.1997, 79.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6452, 78.0820, 69.4769 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(244, 226, 206) looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 206)  
}
```

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(244, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 206) }
```

Border

The CSS property to change the border of an element to XYZ 75.6452, 78.0820, 69.4769 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(244, 226, 206) }
```


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

```
.border{ border-color:rgb(244, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6452, 78.0820, 69.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 206) }
```

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

```
.background{ background-color: rgb(244,  
226, 206) }
```

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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