

Converting Colors

XYZ(75.1596, 78.6438, 69.6110)

Have a look what the booklet for
XYZ(75.1596, 78.6438, 69.6110)
contains.

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Color

**XYZ(75.1596, 78.6438,
69.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E4CE
RGB	241, 228, 206
RGB Percent	95%, 89%, 81%
CMY	0.0549, 0.1059, 0.1921
CMYK	0.00, 0.05, 0.15, 0.05
HSL	38°, 56%, 88%
HSV	38°, 15%, 95%
XYZ	75.1596, 78.6438, 69.6110
YIQ	229.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

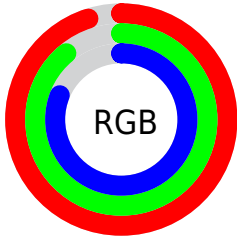
Format	Color
R_{YB}	227, 241, 206
Decimal	15852750
CIE _{Lab}	91.07, 0.84, 12.31
CIE _{LCh}	91, 12.344, 86.078
Yxy	78.6438, 0.3364, 0.3520
Android (android.graphics.Color)	4294042830 (0xFFFF1E4CE)
YUV	229.3790, -11.5258, 10.1916
Hunter-Lab	88.6813, -3.9092, 15.5369

Details

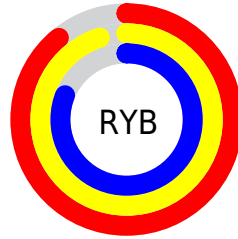
The XYZ color **75.1596, 78.6438, 69.6110** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **66.6621, 70.1343, 93.2435**, and the grayscale version is **74.8317, 78.7288, 85.7356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6186, 42.4684, 35.7622** is the 20% darker color. If you saturate the color by 10%, you get **70.0558, 72.7674, 54.5559**, and if you desaturate by 10%, it is **80.8440, 84.9616, 87.0763**.

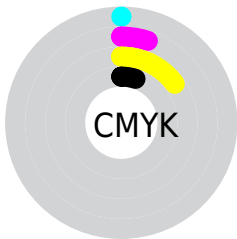
Distribution



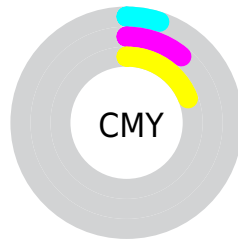
- Red (95%)
- Green (89%)
- Blue (81%)



- Red (89%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1596, 78.6438, 69.6110 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 75.1596, 78.6438, 69.6110 by changing the saturation by 10% instead.

75.1596, 78.6438,
69.6110

75.1596, 78.6438,
69.6110

467.4547,
490.3505, 477.9352

56.0383, 58.6030,
50.7346

125.5250,
131.4573, 120.3298

40.4707, 42.2936,
35.6222

157.4997,
164.9987, 153.0092

28.0916, 29.3313,
23.8552

194.4897,
203.8092, 191.1268

18.5355, 19.3316,
15.0150

236.8601,
248.2731, 235.1010

11.4372, 11.9101,
8.6832

284.9765,
298.7748, 285.3504

6.4311, 6.6825,
4.4411

339.2042,

3.1521, 3.2643,

355.6986, 342.2935

1.8703

399.9085,
419.4291, 406.3489

■ 1.2347, 1.2712,
0.4738

■ 0.1335, 0.1188,
0.0000

■ 75.1596, 78.6438,
69.6110

■ 75.1596, 78.6438,
69.6110

■ 70.0558, 72.7674,
54.5559

■ 80.8440, 84.9616,
87.0763

■ 65.5040, 67.3100,
41.7980

■ 87.1237, 91.7217,
107.0478

■ 61.4824, 62.2623,
31.2226

■ 90.0382, 97.3456,
108.6518

■ 57.9652, 57.6109,
22.7033

■ 90.0859, 97.4409,
108.6677

■ 54.9238, 53.3411,
16.1002

■ 52.3264, 49.4368,
11.2561

■ 50.1363, 45.8798,
7.9884

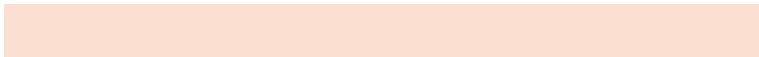
■ 48.3090, 42.6487,
6.0735

■ 47.4262, 41.0015,
5.4144

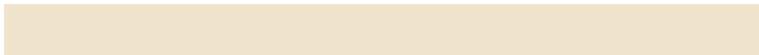
Harmonies

Analogous

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



78.1459, 78.6438, 72.1528



75.1596, 78.6438, 69.6110



72.1430, 78.6438, 71.1097

Triad

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



75.1596, 78.6438, 69.6110



69.4899, 78.6438, 93.4045



79.8366, 78.6438, 95.5777

Complementary

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



75.1596, 78.6438, 69.6110



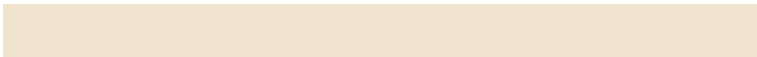
66.6621, 70.1343, 93.2435

Split Complementary

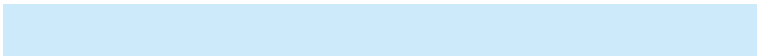
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4162, 78.6438, 102.0029



75.1596, 78.6438, 69.6110



71.4512, 78.6438, 100.6883

Square

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



75.1596, 78.6438, 69.6110



68.9233, 78.6438, 84.4601



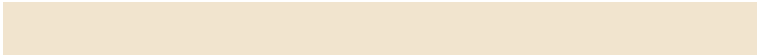
74.3390, 78.6438, 103.9347



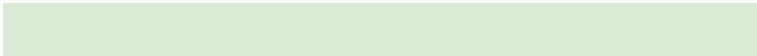
80.8932, 78.6438, 86.8101

Rectangle

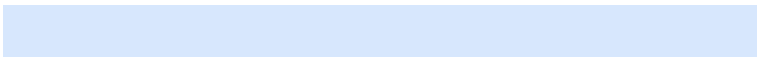
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1596, 78.6438, 69.6110



70.5113, 78.6438, 74.2586



74.3390, 78.6438, 103.9347



79.1523, 78.6438, 98.1061

Sweetspot

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



75.1617, 78.6473, 69.6127



92.2546, 96.9678, 100.0805



71.1890, 67.9809, 76.6764



19.6364, 20.6350, 21.0774



0.0000, 0.0000, 0.0000



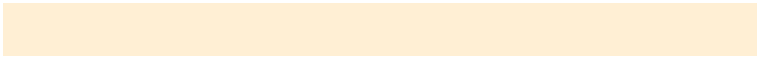
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1617, 78.6473, 69.6127



83.9181, 87.6729, 74.5557



77.4939, 85.3577, 70.7850



16.6010, 17.4151, 16.6362



25.8514, 22.5009, 2.9806



2.2455, 2.0617, 0.2796

Inverse Universe

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



66.6621, 70.1343, 93.2435



72.7740, 76.5120, 105.5404



64.5516, 64.2085, 92.2110



15.3780, 16.1901, 20.0361



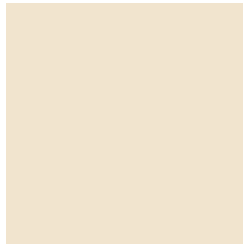
10.6872, 7.5987, 46.0313



0.9813, 0.8166, 3.8601

Previews

White Background



This preview shows how the XYZ color 75.1596, 78.6438, 69.6110 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 75.1596, 78.6438, 69.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

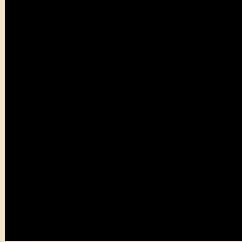
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1596, 78.6438, 69.6110

Background



This preview shows how black text looks on a background with the XYZ color 75.1596, 78.6438, 69.6110.

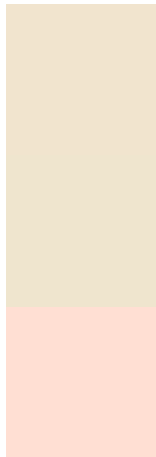


This preview shows how white text looks on a background with the XYZ color 75.1596, 78.6438,

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

75.1596, 78.6438, 69.6110

Protanopia

74.7565, 78.8456, 69.6711

Deuteranopia

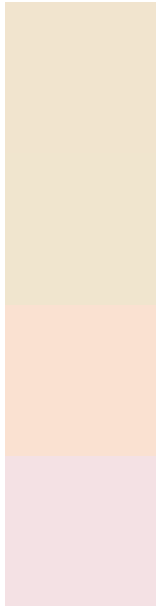
79.3855, 78.7385, 72.6420



Tritanopia

80.1219, 78.6595, 93.3980

Trichromacy



Original Color

75.1596, 78.6438, 69.6110

Protanomaly

75.0951, 79.0201, 69.6870

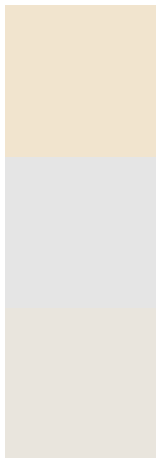
Deuteranomaly

77.8582, 78.7779, 71.4237

Tritanomaly

78.2370, 78.6850, 84.4630

Monochromacy



Original Color

75.1596, 78.6438, 69.6110

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6747, 78.5827, 79.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1596, 78.6438, 69.6110 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(241, 228, 206) looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 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(241, 228, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 206) }
```

Border

The CSS property to change the border of an element to XYZ 75.1596, 78.6438, 69.6110 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(241, 228, 206) }
```


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

```
.border{ border-color:rgb(241, 228, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 228, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 206);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1596, 78.6438, 69.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 206) }
```

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

```
.background{ background-color: rgb(241,  
228, 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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