

Converting Colors

XYZ(75.0337, 79.1150, 77.7800)

Have a look what the booklet for
XYZ(75.0337, 79.1150, 77.7800)
contains.

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Color

**XYZ(75.2127, 79.3178,
77.6754)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE6DA
RGB	235, 230, 218
RGB Percent	92%, 90%, 85%
CMY	0.0784, 0.0980, 0.1451
CMYK	0.00, 0.02, 0.07, 0.08
HSL	42°, 30%, 89%
HSV	42°, 7%, 92%
XYZ	75.2127, 79.3178, 77.6754
YIQ	230.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

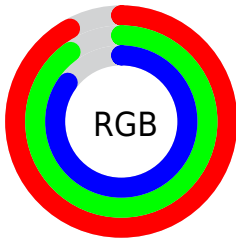
Format	Color
R _Y B	225, 235, 218
Decimal	15460058
CIE Lab	91.38, -0.36, 6.43
CIE LCh	91, 6.439, 93.218
Yxy	79.3178, 0.3239, 0.3416
Android (android.graphics.Color)	4293650138 (0xFFE6E6DA)
YUV	230.1270, -5.9786, 4.2736
Hunter-Lab	89.0605, -5.1105, 10.6318

Details

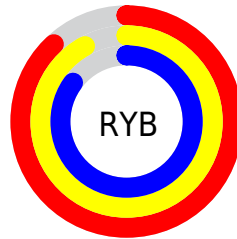
The XYZ color **75.2127, 79.3178, 77.6754** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.2965, 73.6778, 89.1144**, and the grayscale version is **75.3490, 79.2730, 86.3283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5312, 42.8880, 40.7923** is the 20% darker color. If you saturate the color by 10%, you get **70.4698, 74.4088, 61.9830**, and if you desaturate by 10%, it is **80.4722, 84.5604, 95.6931**.

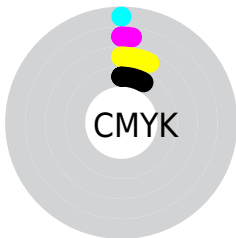
Distribution



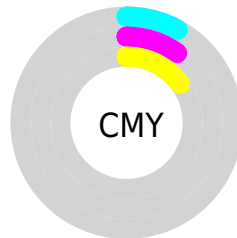
- Red (92%)
- Green (90%)
- Blue (85%)



- Red (88%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2127, 79.3178, 77.6754 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 75.2127, 79.3178, 77.6754 by changing the saturation by 10% instead.

■ 75.2127, 79.3178,
77.6754

■ 75.2127, 79.3178,
77.6754

467.6342,
492.6308, 506.5624

■ 56.0819, 59.1571,
57.2925

125.5997,
132.4062, 131.8741

■ 40.5059, 42.7396,
40.8292

157.5867,
166.1027, 166.5271

■ 28.1192, 29.6809,
27.8670

194.5897,
205.0799, 206.7737

■ 18.5564, 19.5965,
17.9872

236.9743,
249.7222, 253.0327

■ 11.4523, 12.1021,
10.7715

285.1056,
300.4141, 305.7225

■ 6.4414, 6.8132,
5.8011

339.3492,

■ 3.1585, 3.3456,

357.5399, 365.2617

2.6577

400.0703,
421.4840, 432.0689

■ 1.2381, 1.3147,
0.9220

■ 0.1362, 0.1525,
0.0000

■ 75.2127, 79.3178,
77.6754

■ 75.2127, 79.3178,
77.6754

■ 70.4698, 74.4088,
61.9830

■ 80.4722, 84.5604,
95.6931

■ 66.2178, 69.8140,
48.5142

■ 84.6071, 89.4738,
107.4186

■ 62.4386, 65.5274,
37.1676

■ 86.7221, 93.7038,
108.1236

■ 59.1100, 61.5385,
27.8319

■ 88.0714, 96.4024,
108.5734

■ 56.2081, 57.8365,
20.3852

■ 53.7064, 54.4092,
14.6927

■ 51.5751, 51.2431,
10.6015

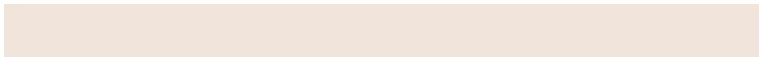
■ 49.7789, 48.3226,
7.9319

■ 48.2726, 45.6280,
6.4495

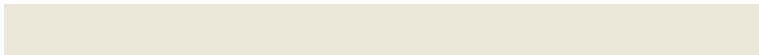
Harmonies

Analogous

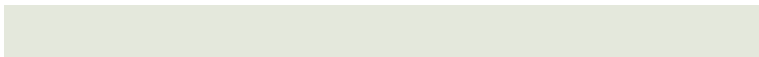
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8159, 79.3178, 78.5662



75.2127, 79.3178, 77.6754



73.6786, 79.3178, 79.0421

Triad

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



75.2127, 79.3178, 77.6754



72.7874, 79.3178, 91.3948



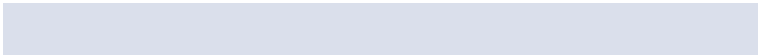
78.2331, 79.3178, 90.4880

Complementary

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



75.2127, 79.3178, 77.6754



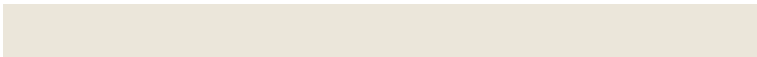
70.2965, 73.6778, 89.1144

Split Complementary

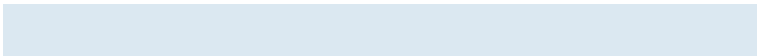
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1261, 79.3178, 94.1238



75.2127, 79.3178, 77.6754



73.9803, 79.3178, 94.6605

Square

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



75.2127, 79.3178, 77.6754



72.2911, 79.3178, 86.8704



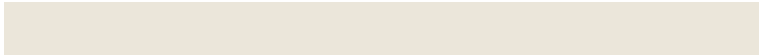
75.5660, 79.3178, 95.6766



78.5745, 79.3178, 85.8587

Rectangle

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



75.2127, 79.3178, 77.6754



72.8971, 79.3178, 81.0795



75.5660, 79.3178, 95.6766



77.9374, 79.3178, 91.8724

Sweetspot

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



75.2149, 79.3213, 77.6771



93.7634, 98.7234, 104.4739



72.6662, 73.1393, 80.1712



20.0827, 21.1443, 22.4081



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.



75.2149, 79.3213, 77.6771



89.4587, 94.3813, 89.8836



75.5132, 81.5686, 78.0952



15.9564, 16.8359, 15.9274



26.7669, 25.2281, 3.4587



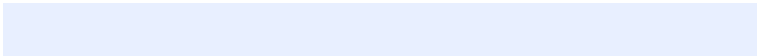
2.1845, 2.1462, 0.2991

Inverse Universe

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



70.2965, 73.6778, 89.1144



82.1512, 85.9967, 106.8769



70.0086, 71.5772, 88.7241



14.5919, 15.2702, 19.1006



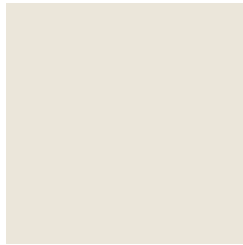
9.6280, 5.9030, 44.3749



0.8367, 0.6249, 3.5114

Previews

White Background



This preview shows how the XYZ color 75.2127, 79.3178, 77.6754 looks on a white background.

Color Contrast Check

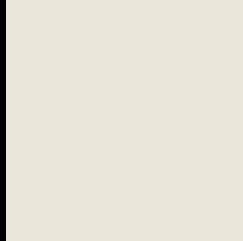
Large Text (above 18pt) WCAG AA × Fail

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 75.2127, 79.3178, 77.6754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

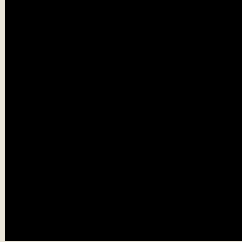
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

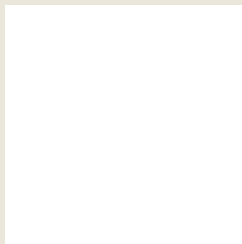
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2127, 79.3178, 77.6754

Background



This preview shows how black text looks on a background with the XYZ color 75.2127, 79.3178, 77.6754.

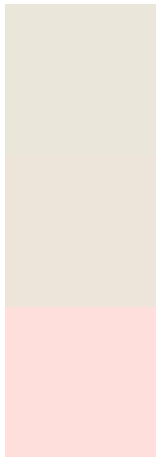


This preview shows how white text looks on a background with the XYZ color 75.2127, 79.3178,

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

75.2127, 79.3178, 77.6754

Protanopia

75.5993, 79.1051, 77.6140

Deuteranopia

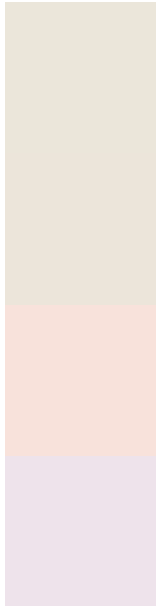
80.5459, 79.2027, 78.7526



Tritanopia

79.1221, 79.2751, 96.7194

Trichromacy



Original Color

75.2127, 79.3178, 77.6754

Protanomaly

75.2663, 78.9334, 77.5984

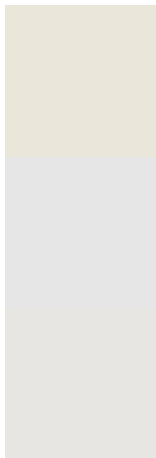
Deuteranomaly

78.6939, 79.4636, 78.2082

Tritanomaly

77.7244, 79.1135, 89.7712

Monochromacy



Original Color

75.2127, 79.3178, 77.6754

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3030, 79.2404, 83.2775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2127, 79.3178, 77.6754 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(235, 230, 218) looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 218)  
}
```

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(235, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 218) }
```

Border

The CSS property to change the border of an element to XYZ 75.2127, 79.3178, 77.6754 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(235, 230, 218) }
```


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

```
.border{ border-color:rgb(235, 230, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 218);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2127, 79.3178, 77.6754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 218) }
```

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

```
.background{ background-color: rgb(235,  
230, 218) }
```

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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