

Converting Colors

XYZ(70.7819, 78.3452, 60.4592)

Have a look what the booklet for
XYZ(70.7819, 78.3452, 60.4592)
contains.

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Color

**XYZ(70.8937, 78.2978,
60.6667)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E8BF
RGB	230, 232, 191
RGB Percent	90%, 91%, 75%
CMY	0.0980, 0.0902, 0.2510
CMYK	0.01, 0.00, 0.18, 0.09
HSL	63°, 47%, 83%
HSV	63°, 18%, 91%
XYZ	70.8937, 78.2978, 60.6667
YIQ	226.7280, 11.9690, -13.1750

Conversions

Conversions Part 2

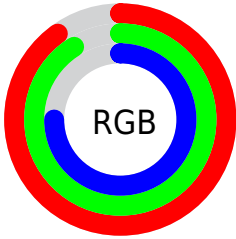
Format	Color
RYB	191, 232, 193
Decimal	15132863
CIELab	90.92, -7.40, 19.76
CIElCh	91, 21.102, 110.518
Yxy	78.2978, 0.3378, 0.3731
Android (android.graphics.Color)	4293322943 (0xFFE6E8BF)
YUV	226.7280, -17.6139, 2.8695
Hunter-Lab	88.4860, -11.8390, 21.2906

Details

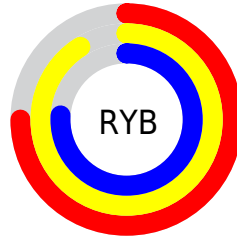
The XYZ color **70.8937, 78.2978, 60.6667** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.1916, 54.4273, 83.9449**, and the grayscale version is **72.9356, 76.7339, 83.5633**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **37.4962, 41.8555, 29.7696** is the 20% darker color. If you saturate the color by 10%, you get **68.1780, 77.1722, 48.2512**, and if you desaturate by 10%, it is **74.0204, 79.5933, 75.2158**.

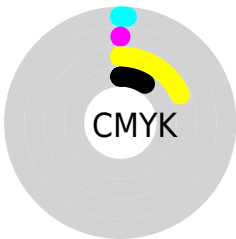
Distribution



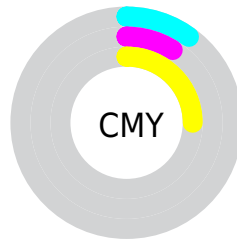
- Red (90%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8937, 78.2978, 60.6667 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 70.8937, 78.2978, 60.6667 by changing the saturation by 10% instead.

70.8937, 78.2978,
60.6667

70.8937, 78.2978,
60.6667

452.8994,
489.1776, 444.9235

52.5377, 58.3186,
43.5274

119.5017,
130.9698, 107.3490

37.6598, 42.0649,
29.9647

150.4844,
164.4315, 137.7291

25.8948, 29.1521,
19.5600

186.4066,
203.1562, 173.3600

16.8772, 19.1959,
11.8947

227.6339,
247.5282, 214.6600

10.2417, 11.8119,
6.5503

274.5314,
297.9319, 262.0479

5.6230, 6.6157,
3.1084

327.4646,

2.6557, 3.2230,

354.7518, 315.9421

1.1502

386.7988,
418.3722, 376.7611

■ 0.9744, 1.2492,
0.0000

■ 0.0000, 0.1014,
0.0000

■ 70.8937, 78.2978,
60.6667

■ 70.8937, 78.2978,
60.6667

■ 68.1780, 77.1722,
48.2512

■ 74.0204, 79.5933,
75.2158

■ 65.8482, 76.1986,
37.8642

■ 77.5696, 81.0555,
91.9868

■ 63.8857, 75.3723,
29.3993

■ 80.6446, 82.3282,
106.2483

■ 62.2681, 74.6841,
22.7383

■ 81.0171, 82.5202,
106.2657

60.9705, 74.1242,
17.7504

81.3919, 82.7135,
106.2832

59.9647, 73.6814,
14.2865

81.7691, 82.9079,
106.3009

59.2174, 73.3421,
12.1719

82.1487, 83.1036,
106.3186

58.6837, 73.0886,
11.1695

82.5308, 83.3006,
106.3365

58.5738, 73.0354,
11.0101

82.9152, 83.4987,
106.3545

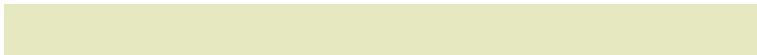
Harmonies

Analogous

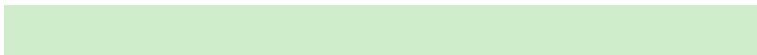
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1166, 78.2978, 59.5125



70.8937, 78.2978, 60.6667



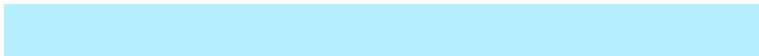
66.8048, 78.2978, 67.9588

Triad

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



70.8937, 78.2978, 60.6667



68.1068, 78.2978, 109.9062



84.9655, 78.2978, 90.1679

Complementary

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



70.8937, 78.2978, 60.6667



55.1916, 54.4273, 83.9449

Split Complementary

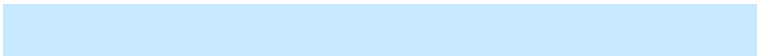
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5924, 78.2978, 105.2574



70.8937, 78.2978, 60.6667



72.7482, 78.2978, 117.5149

Square

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



70.8937, 78.2978, 60.6667



65.2498, 78.2978, 95.9323



78.0607, 78.2978, 115.7192



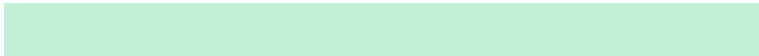
84.4109, 78.2978, 75.3972

Rectangle

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



70.8937, 78.2978, 60.6667



65.1919, 78.2978, 75.8563



78.0607, 78.2978, 115.7192



84.4796, 78.2978, 95.3954

Sweetspot

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



70.8958, 78.3013, 60.6684



92.8356, 99.0878, 98.4343



61.6155, 58.7798, 57.3895



19.8063, 21.1823, 20.7663



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.



70.8958, 78.3013, 60.6684



86.6388, 96.5250, 69.6011



64.8798, 75.1999, 60.3868



15.5283, 16.7794, 15.3248



32.5482, 40.5607, 6.1135



2.4268, 3.0084, 0.4528

Inverse Universe

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



55.1916, 54.4273, 83.9449



63.9624, 62.0505, 103.2135



60.6006, 57.2158, 84.1980



13.6477, 13.9206, 18.1120



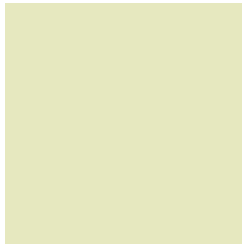
8.1955, 3.2908, 42.5864



0.6288, 0.2551, 3.1481

Previews

White Background



This preview shows how the XYZ color 70.8937, 78.2978, 60.6667 looks on a white background.

Color Contrast Check

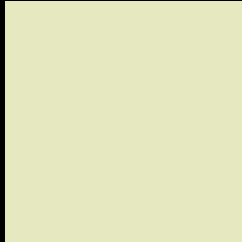
Large Text (above 18pt) WCAG AA × Fail

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 70.8937, 78.2978, 60.6667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

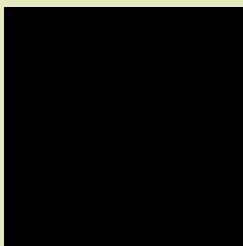
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

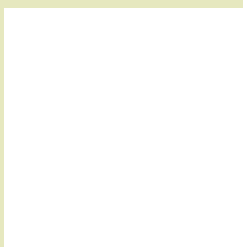
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8937, 78.2978, 60.6667

Background



This preview shows how black text looks on a background with the XYZ color 70.8937, 78.2978, 60.6667.



This preview shows how white text looks on a background with the XYZ color 70.8937, 78.2978,

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

70.8937, 78.2978, 60.6667

Protanopia

73.5467, 78.0382, 59.3307

Deuteranopia

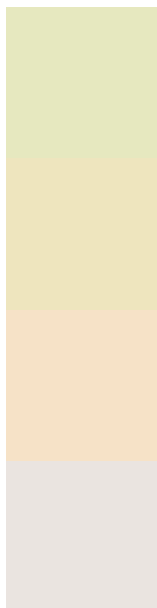
78.1408, 77.8143, 67.4011



Tritanopia

78.0279, 78.3260, 95.7999

Trichromacy



Original Color

70.8937, 78.2978, 60.6667

Protanomaly

72.5735, 77.9335, 59.9328

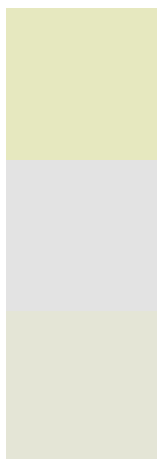
Deuteranomaly

75.5112, 78.1091, 65.1295

Tritanomaly

75.1296, 78.3610, 81.6864

Monochromacy



Original Color

70.8937, 78.2978, 60.6667

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.1518, 77.3876, 74.7528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8937, 78.2978, 60.6667 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(230, 232, 191)` looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 191)  
}
```

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(230, 232, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 191) }
```

Border

The CSS property to change the border of an element to XYZ 70.8937, 78.2978, 60.6667 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(230, 232, 191) }
```


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

```
.border{ border-color:rgb(230, 232, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 232, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 191);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8937, 78.2978, 60.6667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 191) }
```

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

```
.background{ background-color: rgb(230,  
232, 191) }
```

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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