

Converting Colors

XYZ(69.2137, 78.9518, 40.2550)

Have a look what the booklet for
XYZ(69.2137, 78.9518, 40.2550)
contains.

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Color

**XYZ(69.4743, 79.2808,
40.4952)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EBEB96 |
| RGB | 235, 235, 150 |
| RGB Percent | 92%, 92%, 59% |
| CMY | 0.0784, 0.0784, 0.4118 |
| CMYK | 0.00, 0.00, 0.36, 0.08 |
| HSL | 60°, 68%, 75% |
| HSV | 60°, 36%, 92% |
| XYZ | 69.4743, 79.2808, 40.4952 |
| YIQ | 225.3100, 27.2850, -26.4350 |

Conversions

Conversions Part 2

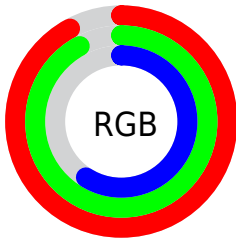
| Format | Color |
|-------------------------------------|--|
| RYB | 150, 235, 150 |
| Decimal | 15461270 |
| CIELab | 91.36, -12.36, 41.28 |
| CIELCh | 91, 43.089, 106.674 |
| Yxy | 79.2808, 0.3671, 0.4189 |
| Android (android.graphics.Color) | 4293651350 (0xFFEBEB96) |
| YUV | 225.3100, -37.1278, 8.4981 |
| Hunter-Lab | 89.0398, -16.5429, 35.3628 |

Details

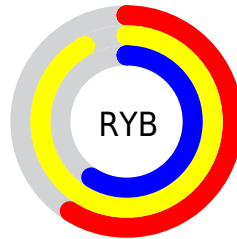
The XYZ color **69.4743, 79.2808, 40.4952** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.4823, 34.2968, 83.1936**, and the grayscale version is **72.0379, 75.7895, 82.5348**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **36.6848, 42.5870, 17.8419** is the 20% darker color. If you saturate the color by 10%, you get **67.7689, 78.6014, 31.5087**, and if you desaturate by 10%, it is **71.5632, 80.1192, 51.4837**.

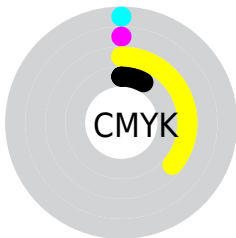
Distribution



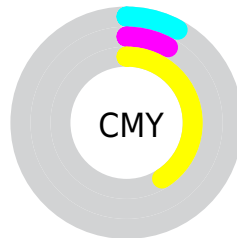
- Red (92%)
- Green (92%)
- Blue (59%)



- Red (59%)
- Yellow (92%)
- Blue (59%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4743, 79.2808, 40.4952 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 69.4743, 79.2808, 40.4952 by changing the saturation by 10% instead.

69.4743, 79.2808,
40.4952

69.4743, 79.2808,
40.4952

447.9973,
492.5058, 363.8203

51.3761, 59.1267,
27.6081

117.4891,
132.3541, 77.1623

36.7303, 42.7151,
17.7940

148.1365,
166.0421, 101.7795

25.1714, 29.6617,
10.6343

183.6976,
205.0102, 131.1437

16.3342, 19.5819,
5.7104

224.5379,
249.6427, 165.6736

9.8533, 12.0915,
2.6039

271.0226,
300.3242, 205.7876

5.3633, 6.8060,
0.8945

323.5172,

2.4989, 3.3411,

357.4389, 251.9044

0.0000

382.3870,
421.3713, 304.4425

■ 0.8947, 1.3123,
0.0000

■ 0.0000, 0.1507,
0.0000

■ 69.4743, 79.2808,
40.4952

■ 69.4743, 79.2808,
40.4952

■ 67.7689, 78.6014,
31.5087

■ 71.5632, 80.1192,
51.4837

■ 66.4182, 78.0610,
24.3990


■ 74.0506, 81.1143,
64.5793


■ 65.3990, 77.6533,
19.0347


■ 76.9579, 82.2772,
79.8859


■ 64.6827, 77.3667,
15.2655


■ 80.3031, 83.6154,
97.4988


 64.2359, 77.1879,
12.9155


 82.0238, 84.3037,
106.5569


 64.0171, 77.1003,
11.7662

 82.0243, 84.3040,
106.5569

 63.9676, 77.0805,
11.5066

 82.0248, 84.3043,
106.5569

 82.0254, 84.3045,
106.5569

 82.0259, 84.3048,
106.5570

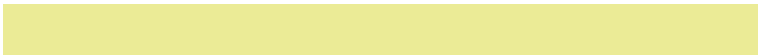
Harmonies

Analogous

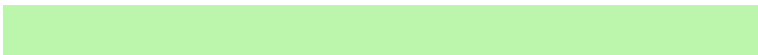
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3104, 79.2808, 39.9472



69.4743, 79.2808, 40.4952



61.0553, 79.2808, 51.2151

Triad

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



69.4743, 79.2808, 40.4952



61.8143, 79.2808, 138.0226



97.7483, 79.2808, 100.9766

Complementary

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



69.4743, 79.2808, 40.4952



38.4823, 34.2968, 83.1936

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.



91.7272, 79.2808, 134.6446



69.4743, 79.2808, 40.4952



70.6058, 79.2808, 159.2740

Square

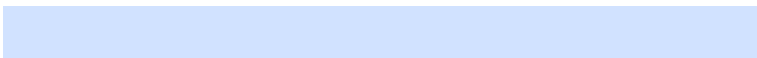
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4743, 79.2808, 40.4952



56.9351, 79.2808, 104.8014



81.5565, 79.2808, 157.9064



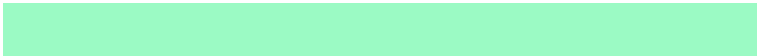
97.3701, 79.2808, 70.1558

Rectangle

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



69.4743, 79.2808, 40.4952



57.6308, 79.2808, 64.5862



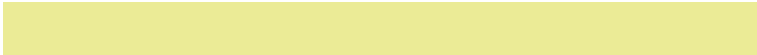
81.5565, 79.2808, 157.9064



96.3826, 79.2808, 112.4606

Sweetspot

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



69.4763, 79.2844, 40.4969



90.8575, 98.3229, 86.8264



50.6749, 41.6788, 34.2292



19.3461, 21.0047, 18.0519



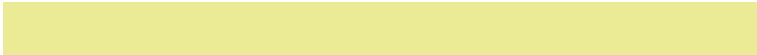
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

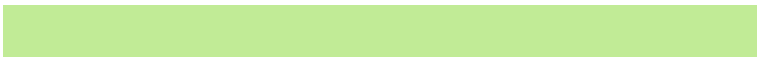
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4763, 79.2844, 40.4969



82.1351, 94.8337, 40.9055



57.0814, 72.8946, 39.9168



16.3519, 17.6270, 16.0592



35.5989, 42.8964, 6.4036



2.7954, 3.3684, 0.5028

Inverse Universe

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



38.4823, 34.2968, 83.1936



39.9692, 33.6302, 98.9924



47.7692, 39.0844, 83.6282



14.2314, 14.5490, 18.9804



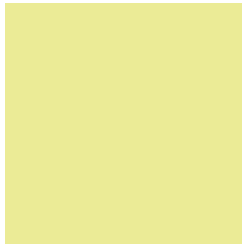
8.3458, 3.3383, 43.9475



0.6554, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 69.4743, 79.2808, 40.4952 looks on a white background.

Color Contrast Check

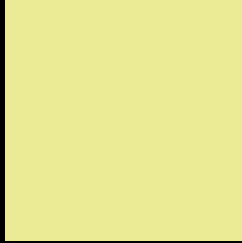
Large Text (above 18pt) WCAG AA × Fail

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 69.4743, 79.2808, 40.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

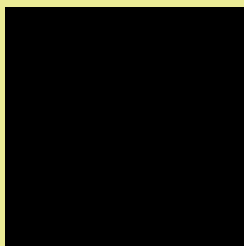
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

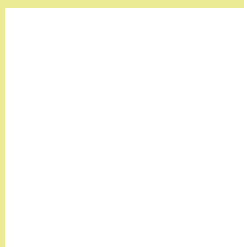
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4743, 79.2808, 40.4952

Background



This preview shows how black text looks on a background with the XYZ color 69.4743, 79.2808, 40.4952.

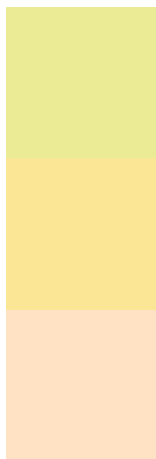


This preview shows how white text looks on a background with the XYZ color 69.4743, 79.2808,

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

69.4743, 79.2808, 40.4952

Protanopia

73.0665, 79.0557, 39.4252

Deuteranopia

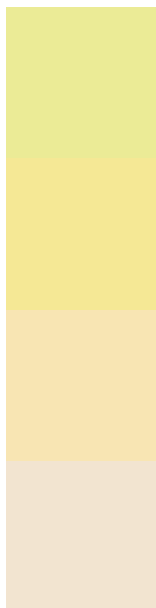
78.0155, 79.0506, 62.7762



Tritanopia

80.5389, 79.2550, 94.2720

Trichromacy



Original Color

69.4743, 79.2808, 40.4952

Protanomaly

71.9376, 79.2956, 39.9478

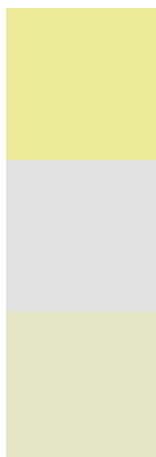
Deuteranomaly

74.8674, 79.2498, 53.9986

Tritanomaly

75.7465, 78.9181, 70.9150

Monochromacy



Original Color

69.4743, 79.2808, 40.4952

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.5255, 76.7739, 64.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4743, 79.2808, 40.4952 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, 235, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 150)  
}
```

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, 235, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 150) }
```

Border

The CSS property to change the border of an element to XYZ 69.4743, 79.2808, 40.4952 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, 235, 150) }
```


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

```
.border{ border-color:rgb(235, 235, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 235, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4743, 79.2808, 40.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 150) }
```

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

```
.background{ background-color: rgb(235,  
235, 150) }
```

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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