

Converting Colors

XYZ(69.2397, 76.2875, 43.3417)

Have a look what the booklet for
XYZ(69.2397, 76.2875, 43.3417)
contains.

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Color

**XYZ(69.1749, 76.1326,
43.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE49E
RGB	238, 228, 158
RGB Percent	93%, 89%, 62%
CMY	0.0667, 0.1059, 0.3804
CMYK	0.00, 0.04, 0.34, 0.07
HSL	53°, 70%, 78%
HSV	53°, 34%, 93%
XYZ	69.1749, 76.1326, 43.3969
YIQ	223.0100, 28.4300, -19.6500

Conversions

Conversions Part 2

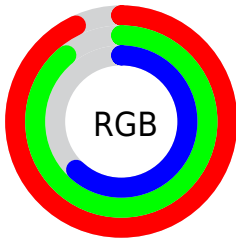
Format	Color
R_{YB}	169, 238, 158
Decimal	15656094
CIE Lab	89.92, -6.80, 35.44
CIE LCh	90, 36.085, 100.867
Yxy	76.1326, 0.3666, 0.4034
Android (android.graphics.Color)	4293846174 (0xFFEEE49E)
YUV	223.0100, -32.0499, 13.1462
Hunter-Lab	87.2540, -11.1798, 31.5892

Details

The XYZ color **69.1749, 76.1326, 43.3969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5356, 41.4463, 86.5945**, and the grayscale version is **70.3544, 74.0183, 80.6060**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **36.6011, 40.7515, 19.5724** is the 20% darker color. If you saturate the color by 10%, you get **66.5113, 73.7722, 33.3622**, and if you desaturate by 10%, it is **72.2532, 78.6867, 55.5288**.

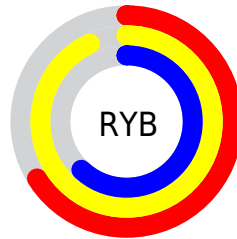
Distribution



Red (93%)

Green (89%)

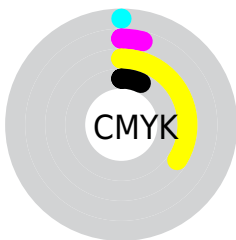
Blue (62%)



Red (66%)

Yellow (93%)

Blue (62%)

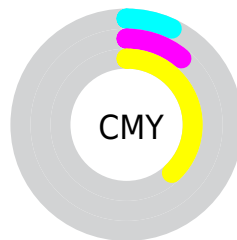


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1749, 76.1326, 43.3969 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 69.1749, 76.1326, 43.3969 by changing the saturation by 10% instead.

69.1749, 76.1326,
43.3969

69.1749, 76.1326,
43.3969

446.9593,
481.8015, 376.2105

51.1313, 56.5412,
29.8629

117.0641,
127.9143, 81.6022

36.5346, 40.6370,
19.4834

147.6403,
160.8735, 107.1107

25.0194, 28.0356,
11.8398

183.1249,
199.0574, 137.4477

16.2203, 18.3525,
6.5134

223.8831,
242.8504, 173.0319

9.7720, 11.2033,
3.0859

270.2803,
292.6369, 214.2817

5.3092, 6.2038,
1.1387

322.6818,

2.4664, 2.9694,

348.8013, 261.6157

0.0000

381.4530,
411.7281, 315.4525

■ 0.8783, 1.1158,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1749, 76.1326,
43.3969

■ 69.1749, 76.1326,
43.3969

■ 66.5113, 73.7722,
33.3622

■ 72.2532, 78.6867,
55.5288

■ 64.2335, 71.5859,
25.2989


■ 75.7617, 81.4329,
69.8646

■ 62.3181, 69.5668,
19.0751


■ 79.7219, 84.3824,
86.5092

■ 60.7364, 67.7034,
14.5406


■ 84.1523, 87.5429,
105.5598

 59.4556, 65.9824,
11.5219


 85.3225, 89.4222,
107.3710


 58.4353, 64.3876,
9.8077

 86.2189, 91.2151,
107.6698

 57.8810, 63.4192,
9.1905

 87.1299, 93.0370,
107.9734

 88.0553, 94.8879,
108.2819

 88.9954, 96.7680,
108.5953

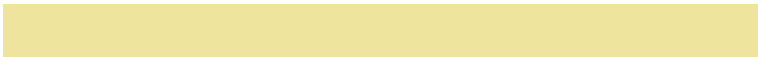
Harmonies

Analogous

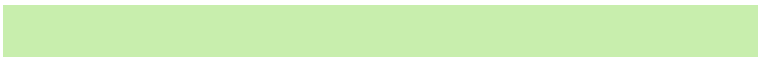
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1322, 76.1326, 44.5985



69.1749, 76.1326, 43.3969



61.7059, 76.1326, 51.0118

Triad

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



69.1749, 76.1326, 43.3969



60.1467, 76.1326, 119.3829



89.8122, 76.1326, 100.0664

Complementary

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



69.1749, 76.1326, 43.3969



43.5356, 41.4463, 86.5945

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.



84.1787, 76.1326, 125.8842



69.1749, 76.1326, 43.3969



66.8826, 76.1326, 138.5249

Square

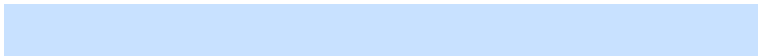
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1749, 76.1326, 43.3969



56.7858, 76.1326, 92.5091



75.6450, 76.1326, 141.1224



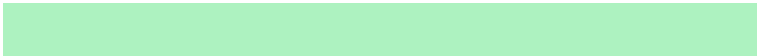
90.5534, 76.1326, 73.9720

Rectangle

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



69.1749, 76.1326, 43.3969



58.3855, 76.1326, 61.2007



75.6450, 76.1326, 141.1224



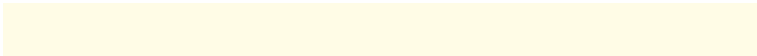
88.4074, 76.1326, 109.1926

Sweetspot

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



69.1768, 76.1361, 43.3985



90.2049, 96.4493, 88.3576



54.6176, 45.4838, 43.2738



19.1712, 20.5415, 18.3422



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.



69.1768, 76.1361, 43.3985



78.8185, 87.2174, 42.8175



62.9469, 77.1248, 43.9177



16.9446, 18.1023, 16.7507



32.3575, 35.5131, 5.1493



2.7386, 3.0479, 0.4440

Inverse Universe

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



43.5356, 41.4463, 86.5945



44.7764, 41.1713, 100.1946



48.2354, 41.2346, 86.3059



15.0564, 15.5468, 19.9289



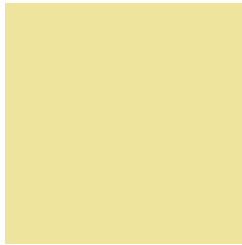
8.9150, 4.0542, 45.4405



0.7923, 0.4386, 3.7971

Previews

White Background



This preview shows how the XYZ color 69.1749, 76.1326, 43.3969 looks on a white background.

Color Contrast Check

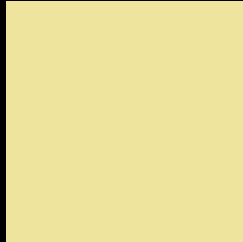
Large Text (above 18pt) WCAG AA × Fail

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 69.1749, 76.1326, 43.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

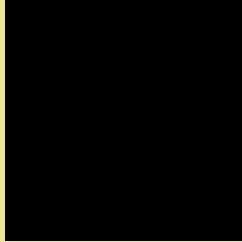
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1749, 76.1326, 43.3969

Background



This preview shows how black text looks on a background with the XYZ color 69.1749, 76.1326, 43.3969.



This preview shows how white text looks on a background with the XYZ color 69.1749, 76.1326,

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

69.1749, 76.1326, 43.3969

Protanopia

70.5904, 76.0601, 42.8588

Deuteranopia

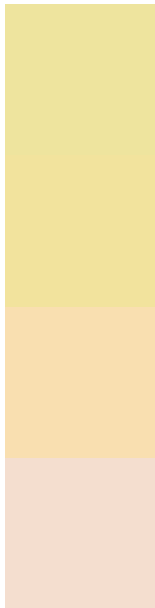
75.6961, 75.9916, 57.1326



Tritanopia

78.4246, 75.9151, 89.1169

Trichromacy



Original Color

69.1749, 76.1326, 43.3969

Protanomaly

70.1728, 76.2497, 42.9175

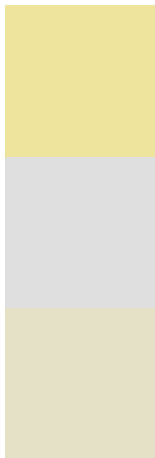
Deuteranomaly

73.2911, 76.0497, 51.8905

Tritanomaly

74.6920, 75.9806, 69.7605

Monochromacy



Original Color

69.1749, 76.1326, 43.3969

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.2289, 74.4679, 64.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1749, 76.1326, 43.3969 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(238, 228, 158)` looks like.

```
.text, #text, p{  
    color:rgb(238, 228, 158)  
}
```

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(238, 228, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 228, 158) }
```

Border

The CSS property to change the border of an element to XYZ 69.1749, 76.1326, 43.3969 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(238, 228, 158) }
```


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

```
.border{ border-color:rgb(238, 228, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 228, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 228, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 228, 158);  
box-shadow:4px 4px 4px 4px rgb(238, 228,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1749, 76.1326, 43.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 228, 158) }
```

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

```
.background{ background-color: rgb(238,  
228, 158) }
```

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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