

Converting Colors

XYZ(61.6745, 70.8343, 34.4665)

Have a look what the booklet for
XYZ(61.6745, 70.8343, 34.4665)
contains.

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Color

**XYZ(61.6745, 70.8343,
34.4665)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE08A
RGB	223, 224, 138
RGB Percent	87%, 88%, 54%
CMY	0.1255, 0.1215, 0.4588
CMYK	0.00, 0.00, 0.38, 0.12
HSL	61°, 58%, 71%
HSV	61°, 38%, 88%
XYZ	61.6745, 70.8343, 34.4665
YIQ	213.8970, 27.0100, -26.9580

Conversions

Conversions Part 2

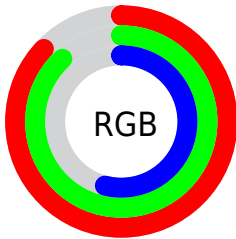
Format	Color
R _Y B	138, 224, 139
Decimal	14672010
CIE Lab	87.40, -12.84, 41.98
CIE LCh	87, 43.898, 107.004
Yxy	70.8343, 0.3694, 0.4242
Android (android.graphics.Color)	4292862090 (0xFFDFE08A)
YUV	213.8970, -37.4172, 7.9833
Hunter-Lab	84.1631, -16.4811, 34.6337

Details

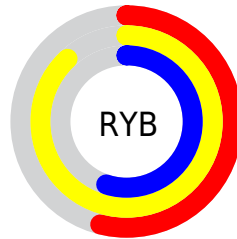
The XYZ color **61.6745, 70.8343, 34.4665** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.1931, 29.0495, 74.3829**, and the grayscale version is **64.0798, 67.4169, 73.4171**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **31.5936, 37.1548, 14.3105** is the 20% darker color. If you saturate the color by 10%, you get **60.1372, 70.2126, 26.7846**, and if you desaturate by 10%, it is **63.5499, 71.5963, 43.9129**.

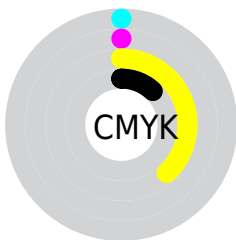
Distribution



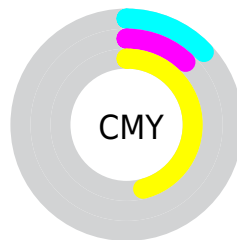
- Red (87%)
- Green (88%)
- Blue (54%)



- Red (54%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)




- Cyan (13%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6745, 70.8343, 34.4665 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 61.6745, 70.8343, 34.4665 by changing the saturation by 10% instead.


 61.6745, 70.8343,
34.4665


 61.6745, 70.8343,
34.4665


420.4793,
463.4740, 337.0396


 45.0243, 52.2070,
22.9720


 106.3475,
120.3978, 67.8006

 31.6780, 37.1701,
14.3677


 135.1012,
152.1027, 90.4773

 21.2700, 25.3392,
8.2352


 168.6199,
188.9356, 117.7184

 13.4351, 16.3300,
4.1559

207.2693,
231.2809, 149.9425

 7.8079, 9.7579,
1.7112

251.4145,
279.5230, 187.5681

 4.0230, 5.2388,
0.3684

301.4211,

 1.7152, 2.3880,

334.0463, 231.0138

0.0000

357.6542,
395.2352, 280.6981

■ 0.4657, 0.8197,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6745, 70.8343,
34.4665

■ 61.6745, 70.8343,
34.4665

■ 60.1372, 70.2126,
26.7846

■ 63.5499, 71.5963,
43.9129

■ 58.9121, 69.7132,
20.7537


■ 65.7772, 72.4966,
55.2190


■ 57.9779, 69.3302,
16.2541


■ 68.3756, 73.5453,
68.4788


■ 57.3084, 69.0532,
13.1479


■ 71.3614, 74.7490,
83.7783


 56.8729, 68.8697,
11.2729


 74.7501, 76.1139,
101.1986


 56.6261, 68.7617,
10.3912

 75.6254, 76.4734,
105.3827

 56.5935, 68.7472,
10.2867

 75.7070, 76.5155,
105.3865

 75.7886, 76.5576,
105.3903

 75.8705, 76.5997,
105.3942

Harmonies

Analogous

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



71.8995, 70.8343, 33.8674



61.6745, 70.8343, 34.4665



53.7992, 70.8343, 44.4330

Triad

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



61.6745, 70.8343, 34.4665



54.6506, 70.8343, 126.7503



88.6290, 70.8343, 90.6616

Complementary

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



61.6745, 70.8343, 34.4665



33.1931, 29.0495, 74.3829

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.



82.9488, 70.8343, 122.8678



61.6745, 70.8343, 34.4665



62.9505, 70.8343, 147.0229

Square

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



61.6745, 70.8343, 34.4665



50.0380, 70.8343, 95.0153



73.3124, 70.8343, 145.4435



88.1973, 70.8343, 61.6370

Rectangle

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



61.6745, 70.8343, 34.4665



50.6239, 70.8343, 56.9414



73.3124, 70.8343, 145.4435



87.3484, 70.8343, 101.5937

Sweetspot

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



61.6762, 70.8375, 34.4680



90.3773, 98.1157, 84.9806



44.4188, 35.8609, 28.6264



19.2454, 20.9608, 17.6836



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.



61.6762, 70.8375, 34.4680



81.0627, 94.3470, 37.8694



50.3019, 64.9738, 33.9357



14.8551, 16.0210, 14.6162



32.9469, 40.0173, 5.9876



2.2889, 2.7764, 0.4153

Inverse Universe

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



33.1931, 29.0495, 74.3829



37.7550, 30.8062, 98.5640



41.6012, 33.3840, 74.7764



12.9668, 13.2509, 17.2619



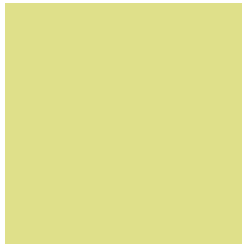
7.8573, 3.1459, 41.2415



0.5499, 0.2208, 2.8589

Previews

White Background



This preview shows how the XYZ color 61.6745, 70.8343, 34.4665 looks on a white background.

Color Contrast Check

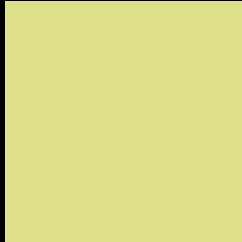
Large Text (above 18pt) WCAG AA × Fail

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 61.6745, 70.8343, 34.4665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

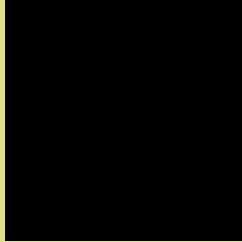
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6745, 70.8343, 34.4665

Background



This preview shows how black text looks on a background with the XYZ color 61.6745, 70.8343, 34.4665.



This preview shows how white text looks on a background with the XYZ color 61.6745, 70.8343,

34.4665.

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

61.6745, 70.8343, 34.4665

Protanopia

65.3721, 70.7913, 33.5112

Deuteranopia

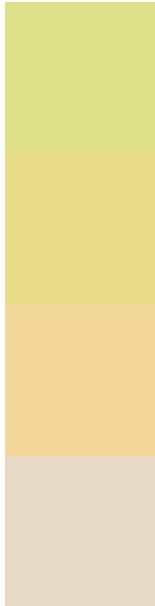
70.9673, 70.4217, 43.5706



Tritanopia

72.0089, 70.7941, 84.7323

Trichromacy



Original Color

61.6745, 70.8343, 34.4665

Protanomaly

63.9761, 70.8427, 33.9690

Deuteranomaly

67.2678, 70.4663, 40.1930

Tritanomaly

67.5240, 70.4799, 62.8684

Monochromacy



Original Color

61.6745, 70.8343, 34.4665

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.5496, 68.4397, 56.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6745, 70.8343, 34.4665 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(223, 224, 138)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 138)  
}
```

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(223, 224, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 138) }
```

Border

The CSS property to change the border of an element to XYZ 61.6745, 70.8343, 34.4665 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(223, 224, 138) }
```


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

```
.border{ border-color:rgb(223, 224, 138) }
```

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

Here you see how a box with a 4 pixel rgb(223, 224, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 138);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6745, 70.8343, 34.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 138) }
```

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

```
.background{ background-color: rgb(223,  
224, 138) }
```

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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