

Converting Colors

XYZ(65.0249, 70.6525, 31.6828)

Have a look what the booklet for
XYZ(65.0249, 70.6525, 31.6828)
contains.

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Color

**XYZ(65.0249, 70.6525,
31.6828)**

Conversions

Conversions Part 1

Format	Color
Hex	EFDB83
RGB	239, 219, 131
RGB Percent	94%, 86%, 51%
CMY	0.0627, 0.1412, 0.4863
CMYK	0.00, 0.08, 0.45, 0.06
HSL	49°, 77%, 73%
HSV	49°, 45%, 94%
XYZ	65.0249, 70.6525, 31.6828
YIQ	214.9480, 40.1680, -23.1280

Conversions

Conversions Part 2

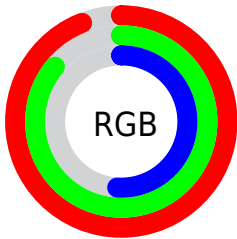
Format	Color
R _Y B	156, 239, 131
Decimal	15719299
CIE Lab	87.32, -4.75, 45.60
CIE LCh	87, 45.847, 95.953
Yxy	70.6525, 0.3885, 0.4222
Android (android.graphics.Color)	4293909379 (0xFFEFDB83)
YUV	214.9480, -41.3864, 21.0936
Hunter-Lab	84.0550, -9.0089, 36.4904

Details

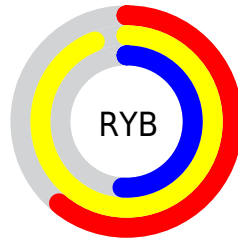
The XYZ color **65.0249, 70.6525, 31.6828** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **36.0064, 33.1894, 86.1697**, and the grayscale version is **64.8100, 68.1852, 74.2536**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **33.7428, 36.9392, 12.7487** is the 20% darker color. If you saturate the color by 10%, you get **62.4499, 67.8025, 23.7339**, and if you desaturate by 10%, it is **68.0077, 73.7199, 41.6124**.

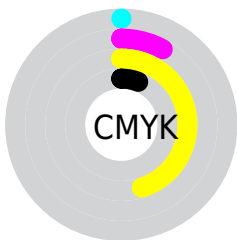
Distribution



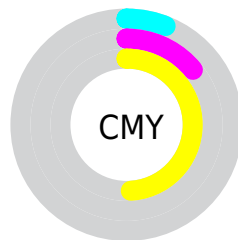
- Red (94%)
- Green (86%)
- Blue (51%)



- Red (61%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0249, 70.6525, 31.6828 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 65.0249, 70.6525, 31.6828 by changing the saturation by 10% instead.

65.0249, 70.6525,
31.6828

65.0249, 70.6525,
31.6828

432.4252,
462.8377, 324.1198

47.7460, 52.0587,
20.8565

111.1512,
120.1388, 63.4056

33.8362, 37.0518,
12.8289

140.7293,
151.8000, 85.1392

22.9301, 25.2476,
7.1815

175.1379,
188.5859, 111.3457

14.6623, 16.2616,
3.4957

214.7423,
230.8807, 142.4436

8.6675, 9.7095,
1.3530

259.9079,
279.0689, 178.8514

4.5803, 5.2068,
0.1046

311.0000,

2.0354, 2.3691,

333.5349, 220.9877

0.0000

368.3840,
394.6630, 269.2710

■ 0.6537, 0.8099,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0249, 70.6525,
31.6828

■ 65.0249, 70.6525,
31.6828

■ 62.4499, 67.8025,
23.7339

■ 68.0077, 73.7199,
41.6124

■ 60.2511, 65.1492,
17.6241


■ 71.4169, 77.0047,
53.6424

■ 58.4008, 62.6835,
13.2000


■ 75.2761, 80.5194,
67.8885

■ 56.8644, 60.3914,
10.2813

■ 79.6056, 84.2723,
84.4562


 55.5997, 58.2555,
8.6461


 84.4244, 88.2716,
103.4445

 55.0565, 57.2707,
8.1526

 86.4668, 91.2112,
107.6560

 87.8255, 93.9286,
108.1089

 89.2165, 96.7105,
108.5725

 89.4066, 97.0907,
108.6359

Harmonies

Analogous

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



75.9640, 70.6525, 34.4352



65.0249, 70.6525, 31.6828



55.6971, 70.6525, 38.1673

Triad

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



65.0249, 70.6525, 31.6828



51.7240, 70.6525, 117.3386



87.9301, 70.6525, 103.7601

Complementary

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



65.0249, 70.6525, 31.6828



36.0064, 33.1894, 86.1697

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.



80.0812, 70.6525, 135.7259



65.0249, 70.6525, 31.6828



59.0512, 70.6525, 144.9211

Square

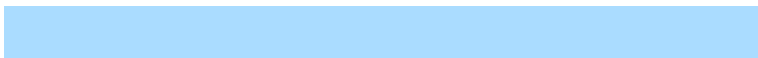
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0249, 70.6525, 31.6828



48.5646, 70.6525, 83.2550



69.3272, 70.6525, 152.4216



89.9661, 70.6525, 70.9310

Rectangle

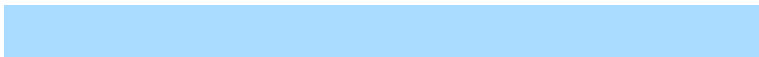
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0249, 70.6525, 31.6828



51.3922, 70.6525, 48.2346



69.3272, 70.6525, 152.4216



85.8458, 70.6525, 115.2068

Sweetspot

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



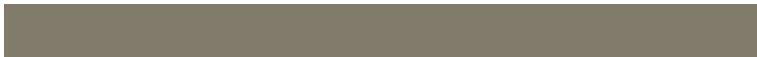
65.0266, 70.6558, 31.6842



87.7534, 93.7657, 80.6986



49.4301, 36.8707, 34.4764



18.5630, 19.8746, 16.4458



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.



65.0266, 70.6558, 31.6842



72.6285, 78.8714, 28.3180



60.5840, 76.5796, 33.0618



16.8596, 17.9324, 16.7224



30.5157, 31.8295, 4.5354



2.6023, 2.7754, 0.3985

Inverse Universe

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



36.0064, 33.1894, 86.1697



35.2178, 30.6054, 98.6590



38.8832, 30.2942, 85.4593



15.1340, 15.7021, 19.9548



9.1816, 4.5874, 45.5294



0.8290, 0.5120, 3.8093

Previews

White Background



This preview shows how the XYZ color 65.0249, 70.6525, 31.6828 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 65.0249, 70.6525, 31.6828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

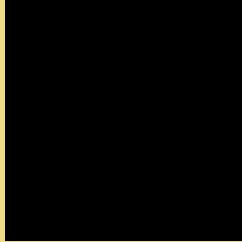
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0249, 70.6525, 31.6828

Background



This preview shows how black text looks on a background with the XYZ color 65.0249, 70.6525, 31.6828.



This preview shows how white text looks on a background with the XYZ color 65.0249, 70.6525,

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

65.0249, 70.6525, 31.6828

Protanopia

65.0249, 70.6525, 31.6828

Deuteranopia

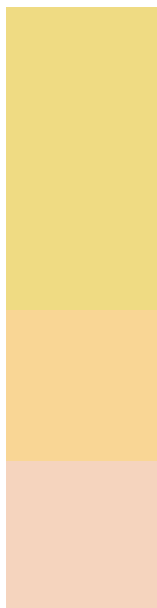
70.7923, 70.3517, 42.6490



Tritanopia

75.0773, 70.6333, 80.1976

Trichromacy



Original Color

65.0249, 70.6525, 31.6828

Protanomaly

65.0249, 70.6525, 31.6828

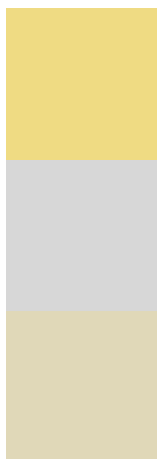
Deuteranomaly

68.5383, 70.4028, 38.4105

Tritanomaly

70.4939, 70.2171, 58.5530

Monochromacy



Original Color

65.0249, 70.6525, 31.6828

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9481, 68.4197, 55.1833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0249, 70.6525, 31.6828 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(239, 219, 131)` looks like.

```
.text, #text, p{  
    color:rgb(239, 219, 131)  
}
```

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(239, 219, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 131) }
```

Border

The CSS property to change the border of an element to XYZ 65.0249, 70.6525, 31.6828 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(239, 219, 131) }
```


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

```
.border{ border-color:rgb(239, 219, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 219, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 131);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0249, 70.6525, 31.6828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 131) }
```

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

```
.background{ background-color: rgb(239,  
219, 131) }
```

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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