

Converting Colors

XYZ(65.2326, 76.9664, 46.0682)

Have a look what the booklet for
XYZ(65.2326, 76.9664, 46.0682)
contains.

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Color

**XYZ(65.2326, 76.9664,
46.0682)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEBA3
RGB	218, 235, 163
RGB Percent	85%, 92%, 64%
CMY	0.1451, 0.0784, 0.3608
CMYK	0.07, 0.00, 0.31, 0.08
HSL	74°, 64%, 78%
HSV	74°, 31%, 92%
XYZ	65.2326, 76.9664, 46.0682
YIQ	221.7090, 12.9800, -25.9960

Conversions

Conversions Part 2

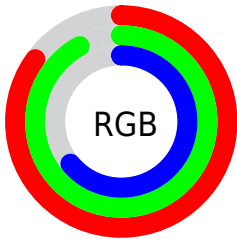
Format	Color
R _{YB}	163, 235, 180
Decimal	14347171
CIE _{Lab}	90.31, -17.18, 33.14
CIE _{LCh}	90, 37.328, 117.395
Y _{xy}	76.9664, 0.3465, 0.4088
Android (android.graphics.Color)	4292537251 (0xFFDAEBA3)
Y _{UV}	221.7090, -28.9435, -3.2528
Hunter-Lab	87.7305, -20.8035, 30.2775

Details

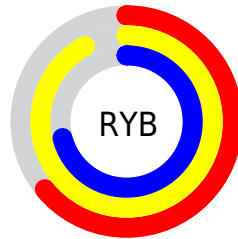
The XYZ color **65.2326, 76.9664, 46.0682** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9180, 41.8979, 84.2158**, and the grayscale version is **69.4188, 73.0340, 79.5340**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **33.8896, 41.0693, 21.1799** is the 20% darker color. If you saturate the color by 10%, you get **61.6882, 75.3627, 35.9139**, and if you desaturate by 10%, it is **69.2278, 78.7621, 58.2891**.

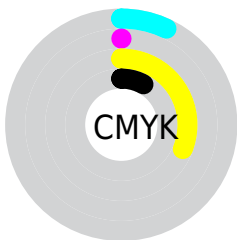
Distribution



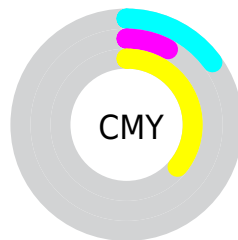
- Red (85%)
- Green (92%)
- Blue (64%)



- Red (64%)
- Yellow (92%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2326, 76.9664, 46.0682 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 65.2326, 76.9664, 46.0682 by changing the saturation by 10% instead.

65.2326, 76.9664,
46.0682

65.2326, 76.9664,
46.0682

433.1594,
484.6495, 387.3683

47.9151, 57.2253,
31.9506

111.4480,
129.0921, 85.6564

33.9706, 41.1862,
21.0593

141.0767,
162.2454, 111.9641

23.0338, 28.4646,
12.9757

175.5398,
200.6383, 143.1722

14.7393, 18.6762,
7.2813

215.2027,
244.6551, 179.6993

8.7218, 11.4365,
3.5575

260.4308,
294.6802, 221.9639

4.6158, 6.3612,
1.3859

311.5893,

2.0561, 3.0660,

351.0980, 270.3846

0.1307

369.0437,
414.2930, 325.3799

■ 0.6652, 1.1663,
0.0000

■ 0.0000, 0.0339,
0.0000

■ 65.2326, 76.9664,
46.0682

■ 65.2326, 76.9664,
46.0682

■ 61.6882, 75.3627,
35.9139

■ 69.2278, 78.7621,
58.2891

■ 58.5666, 73.9319,
27.7068

■ 73.6885, 80.7478,
72.6771

■ 55.8452, 72.6674,
21.3232

■ 78.6359, 82.9348,
89.3323

■ 53.4969, 71.5585,
16.6228

■ 83.7635, 85.2004,
106.6383

■ 51.4908, 70.5925,
13.4452

■ 85.6789, 86.1878,
106.7279

■ 49.7898, 69.7547,
11.5988

■ 87.6524, 87.2052,
106.8203

■ 48.4169, 69.0637,
10.7788

■ 89.0000, 87.8999,
106.8833

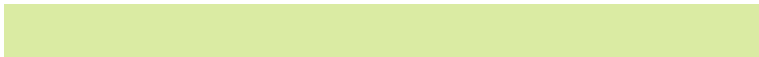
Harmonies

Analogous

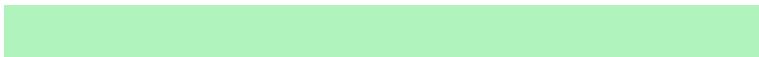
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9698, 76.9664, 42.3550



65.2326, 76.9664, 46.0682



59.1035, 76.9664, 59.1306

Triad

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



65.2326, 76.9664, 46.0682



63.9374, 76.9664, 134.7590



92.5067, 76.9664, 86.1520

Complementary

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



65.2326, 76.9664, 46.0682



46.9180, 41.8979, 84.2158

Split Complementary

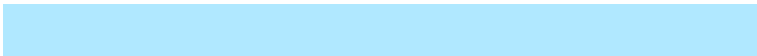
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2721, 76.9664, 114.5314



65.2326, 76.9664, 46.0682



72.3447, 76.9664, 146.0638

Square

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



65.2326, 76.9664, 46.0682



58.4014, 76.9664, 109.6390



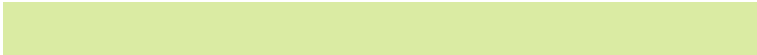
81.6926, 76.9664, 137.9784



90.2032, 76.9664, 62.3830

Rectangle

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



65.2326, 76.9664, 46.0682



57.0573, 76.9664, 73.1190



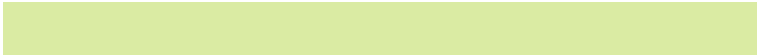
81.6926, 76.9664, 137.9784



92.0253, 76.9664, 95.4809

Sweetspot

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



65.2346, 76.9698, 46.0698



89.6065, 97.5955, 90.4962



57.1554, 52.8706, 41.8440



19.0009, 20.8103, 18.7787



0.0000, 0.0000, 0.0000



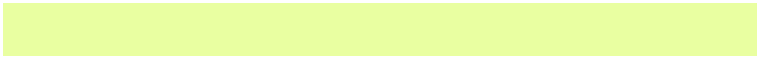
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2346, 76.9698, 46.0698



75.6741, 91.3569, 47.2018



55.6605, 72.0342, 45.6218



15.9840, 17.4373, 16.0420



27.0634, 38.4962, 6.0041



2.2089, 3.0661, 0.4754

Inverse Universe

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



46.9180, 41.8979, 84.2158



50.2463, 42.6467, 100.1911



56.3551, 46.7629, 84.6575



14.5642, 14.7206, 18.9960



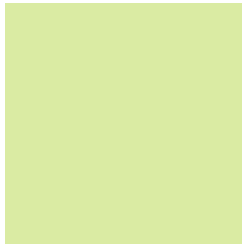
9.3318, 3.8467, 43.9936



0.8162, 0.3450, 3.4585

Previews

White Background



This preview shows how the XYZ color 65.2326, 76.9664, 46.0682 looks on a white background.

Color Contrast Check

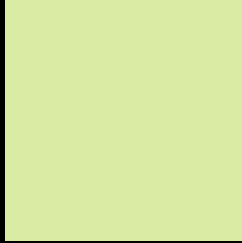
Large Text (above 18pt) WCAG AA × Fail

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 65.2326, 76.9664, 46.0682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

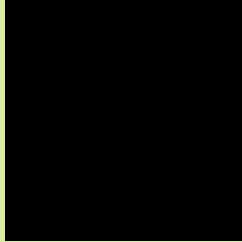
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

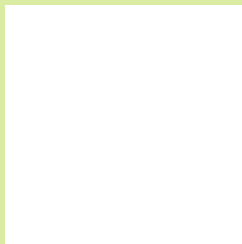
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2326, 76.9664, 46.0682

Background



This preview shows how black text looks on a background with the XYZ color 65.2326, 76.9664, 46.0682.



This preview shows how white text looks on a background with the XYZ color 65.2326, 76.9664,

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

65.2326, 76.9664, 46.0682

Protanopia

71.4704, 76.8887, 44.3318

Deuteranopia

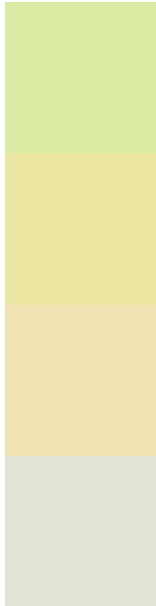
76.3907, 76.6906, 59.4917



Tritanopia

75.4160, 76.9795, 95.6777

Trichromacy



Original Color

65.2326, 76.9664, 46.0682

Protanomaly

68.9908, 76.8290, 44.9115

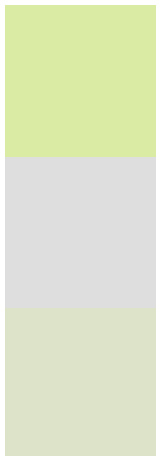
Deuteranomaly

72.0525, 76.5652, 54.1610

Tritanomaly

71.2082, 76.9012, 74.7087

Monochromacy



Original Color

65.2326, 76.9664, 46.0682

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.8305, 74.5274, 66.0685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2326, 76.9664, 46.0682 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(218, 235, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 235, 163)  
}
```

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(218, 235, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 235, 163) }
```

Border

The CSS property to change the border of an element to XYZ 65.2326, 76.9664, 46.0682 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(218, 235, 163) }
```


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

```
.border{ border-color:rgb(218, 235, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 235, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 235, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 235, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 235,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2326, 76.9664, 46.0682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 235, 163) }
```

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

```
.background{ background-color: rgb(218,  
235, 163) }
```

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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