

Converting Colors

XYZ(64.6874, 76.5650, 56.5851)

Have a look what the booklet for
XYZ(64.6874, 76.5650, 56.5851)
contains.

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Color

**XYZ(64.6546, 76.4327,
56.6927)**

Conversions

Conversions Part 1

Format	Color
Hex	D1EBB8
RGB	209, 235, 184
RGB Percent	82%, 92%, 72%
CMY	0.1804, 0.0784, 0.2784
CMYK	0.11, 0.00, 0.22, 0.08
HSL	91°, 56%, 82%
HSV	91°, 22%, 92%
XYZ	64.6546, 76.4327, 56.6927
YIQ	221.4120, 0.8750, -21.3730

Conversions

Conversions Part 2

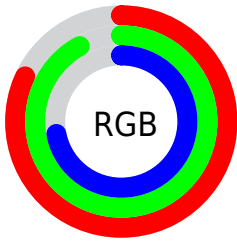
Format	Color
RYB	184, 235, 210
Decimal	13757368
CIELab	90.06, -17.42, 21.96
CIELCh	90, 28.033, 128.420
Yxy	76.4327, 0.3269, 0.3865
Android (android.graphics.Color)	4291947448 (0xFFD1EBB8)
YUV	221.4120, -18.4441, -10.8853
Hunter-Lab	87.4258, -20.9878, 22.7505

Details

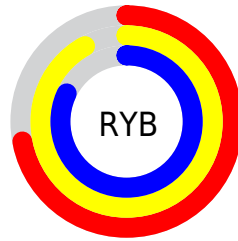
The XYZ color **64.6546, 76.4327, 56.6927** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.7173, 53.9829, 85.9264**, and the grayscale version is **69.1438, 72.7447, 79.2190**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **33.5433, 40.7489, 27.5701** is the 20% darker color. If you saturate the color by 10%, you get **59.1300, 73.8483, 44.6258**, and if you desaturate by 10%, it is **70.8475, 79.3189, 70.9301**.

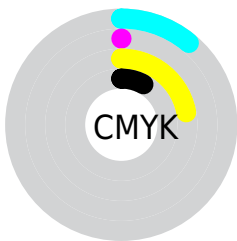
Distribution



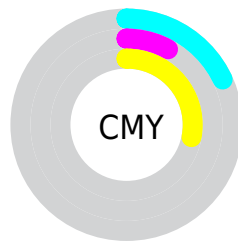
- Red (82%)
- Green (92%)
- Blue (72%)



- Red (72%)
- Yellow (92%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)





- Cyan (18%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6546, 76.4327, 56.6927 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 64.6546, 76.4327, 56.6927 by changing the saturation by 10% instead.


 64.6546, 76.4327,
56.6927

 64.6546, 76.4327,
56.6927


431.1146,
482.8276, 429.7583

 47.4447, 56.7874,
40.3509


 110.6216,
128.3384, 101.5125

 33.5968, 40.8346,
27.4963


140.1094,
161.3675, 130.8276

 22.7454, 28.1898,
17.7106


174.4207,
199.6267, 165.3042

 14.5253, 18.4688,
10.5751

213.9206,
243.5004, 205.3608

 8.5711, 11.2871,
5.6714

258.9746,
293.3729, 251.4159

 4.5173, 6.2603,
2.5808


309.9480,


 1.9988, 3.0040,


349.6287, 303.8882


0.8825


367.2062,
412.6522, 363.1961


 0.6333, 1.1338,
0.0000


 0.0000, 0.0066,
0.0000


 64.6546, 76.4327,
56.6927


 64.6546, 76.4327,
56.6927

 59.1300, 73.8483,
44.6258


 70.8475, 79.3189,
70.9301


 54.2419, 71.5449,
34.6179

 77.7269, 82.5072,
87.4324

 49.9646, 69.5139,
26.5550

 85.3177, 86.0108,
106.2944

 46.2681, 67.7427,
20.3099

 88.9999, 87.8998,
106.8833

■ 43.1192, 66.2172,
15.7404

■ 40.4804, 64.9218,
12.6830

■ 38.3078, 63.8381,
10.9416

■ 36.8047, 63.0773,
10.2353

Harmonies

Analogous

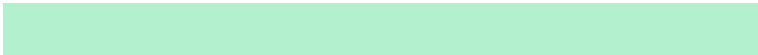
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7076, 76.4327, 50.8120



64.6546, 76.4327, 56.6927



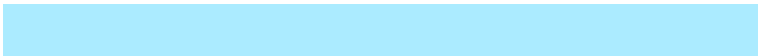
60.9147, 76.4327, 69.9237

Triad

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



64.6546, 76.4327, 56.6927



67.8416, 76.4327, 124.1285



86.6854, 76.4327, 77.7427

Complementary

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



64.6546, 76.4327, 56.6927



58.7173, 53.9829, 85.9264

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.



85.7966, 76.4327, 98.1082



64.6546, 76.4327, 56.6927



74.6215, 76.4327, 127.1159

Square

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



64.6546, 76.4327, 56.6927



62.6714, 76.4327, 109.3444



81.2723, 76.4327, 116.9551



83.6287, 76.4327, 61.6317

Rectangle

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



64.6546, 76.4327, 56.6927



60.0900, 76.4327, 82.1713



81.2723, 76.4327, 116.9551



86.8418, 76.4327, 84.2820

Sweetspot

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



64.6566, 76.4360, 56.6944



89.0386, 97.2178, 94.3078



65.8389, 66.9724, 54.8054



18.9512, 20.7591, 19.9303



0.0000, 0.0000, 0.0000



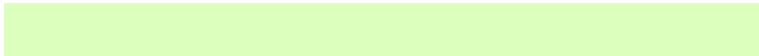
20.3446, 21.4041, 23.3091

Same Dimension

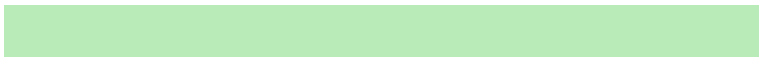
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6566, 76.4360, 56.6944



74.7914, 90.5841, 61.5161



58.1295, 73.0712, 56.3889



15.5713, 17.2246, 16.0227



20.6290, 35.1791, 5.7030



1.7307, 2.8195, 0.4530

Inverse Universe

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



58.7173, 53.9829, 85.9264



66.4618, 59.0955, 102.5114



66.3998, 57.9434, 86.2859



14.9634, 14.9264, 19.0147



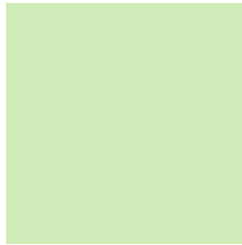
12.7902, 5.6295, 44.1555



1.1154, 0.4993, 3.4725

Previews

White Background



This preview shows how the XYZ color 64.6546, 76.4327, 56.6927 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 64.6546, 76.4327, 56.6927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

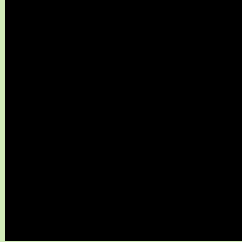
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

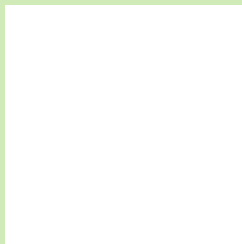
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6546, 76.4327, 56.6927

Background



This preview shows how black text looks on a background with the XYZ color 64.6546, 76.4327, 56.6927.

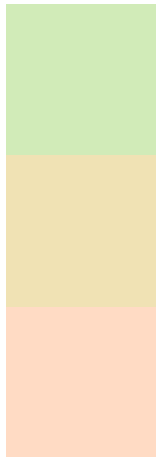


This preview shows how white text looks on a background with the XYZ color 64.6546, 76.4327, 56.6927.

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

64.6546, 76.4327, 56.6927

Protanopia

71.3698, 76.2133, 54.1291

Deuteranopia

76.5353, 75.9086, 62.8425



Tritanopia

72.8640, 76.4362, 97.2995

Trichromacy



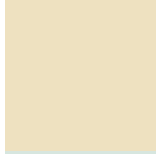
Original Color

64.6546, 76.4327, 56.6927



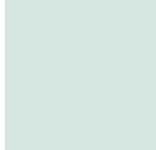
Protanomaly

68.6729, 76.0328, 54.7724



Deuteranomaly

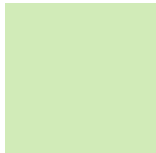
71.6995, 75.8333, 60.7275



Tritanomaly

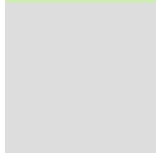
69.6404, 76.3684, 80.8822

Monochromacy



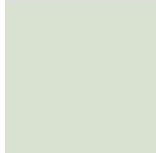
Original Color

64.6546, 76.4327, 56.6927



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

67.1968, 73.6985, 70.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6546, 76.4327, 56.6927 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(209, 235, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 235, 184)  
}
```

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(209, 235, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 235, 184) }
```

Border

The CSS property to change the border of an element to XYZ 64.6546, 76.4327, 56.6927 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(209, 235, 184) }
```


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

```
.border{ border-color:rgb(209, 235, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 235, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 235, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 235, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 235,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6546, 76.4327, 56.6927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 235, 184) }
```

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

```
.background{ background-color: rgb(209,  
235, 184) }
```

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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