

Converting Colors

XYZ(64.9387, 74.9220, 55.4052)

Have a look what the booklet for
XYZ(64.9387, 74.9220, 55.4052)
contains.

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Color

**XYZ(65.0437, 74.9763,
55.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E7B6
RGB	215, 231, 182
RGB Percent	84%, 91%, 71%
CMY	0.1569, 0.0941, 0.2863
CMYK	0.07, 0.00, 0.21, 0.09
HSL	80°, 51%, 81%
HSV	80°, 21%, 91%
XYZ	65.0437, 74.9763, 55.2997
YIQ	220.6300, 6.1930, -18.6310

Conversions

Conversions Part 2

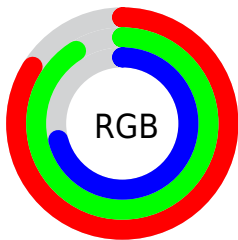
Format	Color
RYB	182, 231, 198
Decimal	14149558
CIELab	89.38, -13.62, 22.12
CIELCh	89, 25.978, 121.614
Yxy	74.9763, 0.3330, 0.3839
Android (android.graphics.Color)	4292339638 (0xFFD7E7B6)
YUV	220.6300, -19.0446, -4.9375
Hunter-Lab	86.5889, -17.4451, 22.7468

Details

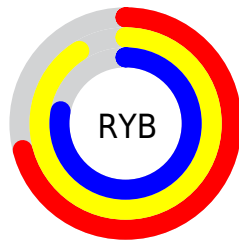
The XYZ color **65.0437, 74.9763, 55.2997** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4435, 51.2333, 82.6250**, and the grayscale version is **68.5957, 72.1680, 78.5910**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **33.7896, 39.7185, 26.6544** is the 20% darker color. If you saturate the color by 10%, you get **60.6866, 72.9859, 43.6452**, and if you desaturate by 10%, it is **69.9008, 77.1835, 69.0363**.

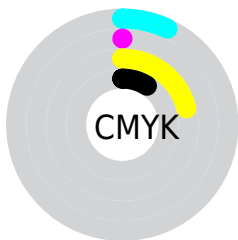
Distribution



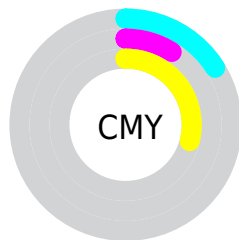
- Red (84%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)





- Cyan (16%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0437, 74.9763, 55.2997 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 65.0437, 74.9763, 55.2997 by changing the saturation by 10% instead.


 65.0437, 74.9763,
55.2997

 65.0437, 74.9763,
55.2997


432.4917,
477.8361, 424.3609

 47.7613, 55.5935,
39.2415


 111.1780,
126.2788, 99.4555

 33.8484, 39.8771,
26.6384


140.7607,
158.9673, 128.3901

 22.9395, 27.4427,
17.0718


175.1743,
196.8598, 162.4540

 14.6693, 17.9060,
10.1232

214.7840,
240.3407, 202.0657

 8.6724, 10.8825,
5.3740

259.9552,
289.7943, 247.6437

 4.5835, 5.9879,
2.4058

311.0534,

 2.0373, 2.8377,

345.6052, 299.6065

0.7896

368.4437,
408.1577, 358.3727

0.6548, 1.0476,
0.0000

0.0000, 0.0000,
0.0000

65.0437, 74.9763,
55.2997

65.0437, 74.9763,
55.2997

60.6866, 72.9859,
43.6452

69.9008, 77.1835,
69.0363

56.8029, 71.1939,
33.9664

75.2714, 79.6056,
84.9449

53.3723, 69.5948,
26.1546

81.1755, 82.2532,
103.1161

50.3704, 68.1784,
20.0887

84.3465, 83.8198,
106.3410

■ 47.7701, 66.9338,
15.6335

■ 87.0354, 85.2060,
106.4669

■ 45.5404, 65.8484,
12.6338

■ 87.8675, 85.6350,
106.5058

■ 43.6446, 64.9074,
10.9039

■ 42.2022, 64.1787,
10.1634

Harmonies

Analogous

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



70.9189, 74.9763, 51.3979



65.0437, 74.9763, 55.2997



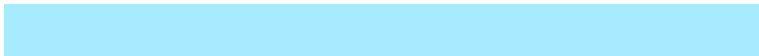
61.0381, 74.9763, 66.0950

Triad

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



65.0437, 74.9763, 55.2997



65.6066, 74.9763, 116.4806



84.1968, 74.9763, 80.6541

Complementary

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



65.0437, 74.9763, 55.2997



54.4435, 51.2333, 82.6250

Split Complementary

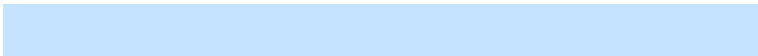
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5698, 74.9763, 99.4410



65.0437, 74.9763, 55.2997



71.6077, 74.9763, 121.8804

Square

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



65.0437, 74.9763, 55.2997



61.3492, 74.9763, 101.4022



77.8660, 74.9763, 115.2351



82.1905, 74.9763, 64.6222

Rectangle

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



65.0437, 74.9763, 55.2997



59.8381, 74.9763, 76.6353



77.8660, 74.9763, 115.2351



84.0562, 74.9763, 86.8506

Sweetspot

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



65.0457, 74.9796, 55.3013



90.8690, 98.1180, 96.3540



61.4850, 60.5363, 52.7011



19.3554, 20.9587, 20.3445



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.



65.0457, 74.9796, 55.3013



79.1819, 92.8153, 63.1764



58.5035, 71.6070, 54.9951



15.1201, 16.5690, 15.3057



23.7936, 36.0475, 5.7038



1.8549, 2.7136, 0.4260

Inverse Universe

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



54.4435, 51.2333, 82.6250



63.9073, 58.5984, 102.5501



61.2838, 54.7596, 82.9451



14.0239, 14.1146, 18.1296



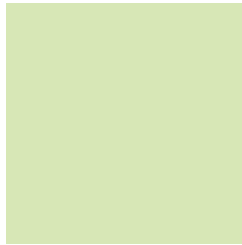
9.8486, 4.1430, 42.6638



0.8226, 0.3551, 3.1571

Previews

White Background



This preview shows how the XYZ color 65.0437, 74.9763, 55.2997 looks on a white background.

Color Contrast Check

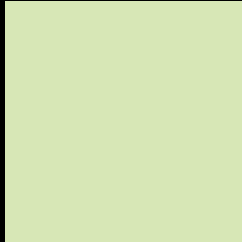
Large Text (above 18pt) WCAG AA × Fail

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 65.0437, 74.9763, 55.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

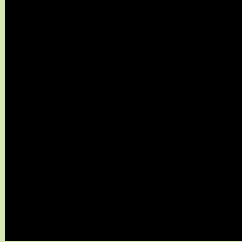
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

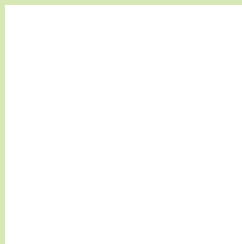
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0437, 74.9763, 55.2997

Background



This preview shows how black text looks on a background with the XYZ color 65.0437, 74.9763, 55.2997.

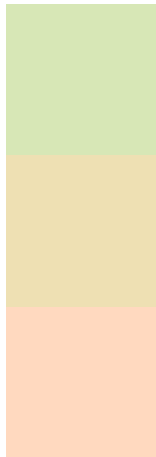


This preview shows how white text looks on a background with the XYZ color 65.0437, 74.9763,

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

65.0437, 74.9763, 55.2997

Protanopia

70.0522, 74.7431, 53.3825

Deuteranopia

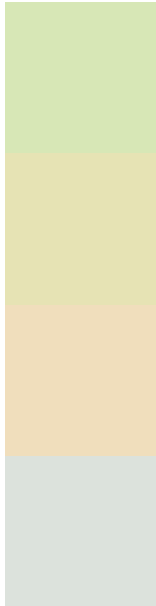
75.4568, 74.6473, 59.7216



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

65.0437, 74.9763, 55.2997

Protanomaly

68.3404, 75.0565, 54.0654

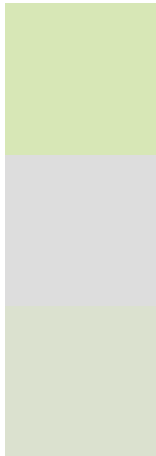
Deuteranomaly

71.1336, 74.3987, 58.1882

Tritanomaly

69.6298, 74.7757, 78.4734

Monochromacy



Original Color

65.0437, 74.9763, 55.2997

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4011, 73.4155, 69.6497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0437, 74.9763, 55.2997 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(215, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(215, 231, 182)  
}
```

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(215, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 231, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.0437, 74.9763, 55.2997 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(215, 231, 182) }
```


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

```
.border{ border-color:rgb(215, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 231, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 231, 182);  
box-shadow:4px 4px 4px 4px rgb(215, 231,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0437, 74.9763, 55.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 231, 182) }
```

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

```
.background{ background-color: rgb(215,  
231, 182) }
```

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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