

Converting Colors

XYZ(65.5499, 74.3732, 51.9500)

Have a look what the booklet for
XYZ(65.5499, 74.3732, 51.9500)
contains.

XYZ(65.6746, 74.5454, 52.0016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.6746, 74.5454,
52.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE5B0
RGB	221, 229, 176
RGB Percent	87%, 90%, 69%
CMY	0.1333, 0.1019, 0.3098
CMYK	0.03, 0.00, 0.23, 0.10
HSL	69°, 50%, 79%
HSV	69°, 23%, 90%
XYZ	65.6746, 74.5454, 52.0016
YIQ	220.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

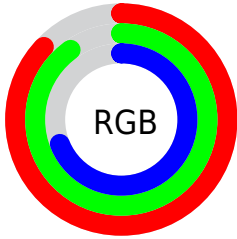
Format	Color
RYB	176, 229, 184
Decimal	14542256
CIELab	89.18, -11.33, 25.01
CIELCh	89, 27.457, 114.362
Yxy	74.5454, 0.3417, 0.3878
Android (android.graphics.Color)	4292732336 (0xFFDDE5B0)
YUV	220.5660, -21.9710, 0.3806
Hunter-Lab	86.3397, -15.3177, 24.7279

Details

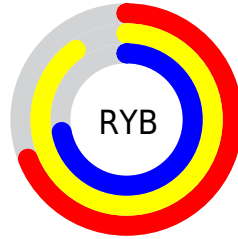
The XYZ color **65.6746, 74.5454, 52.0016** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.4383, 46.9002, 80.5799**, and the grayscale version is **68.5677, 72.1386, 78.5589**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **34.2283, 39.7015, 24.5980** is the 20% darker color. If you saturate the color by 10%, you get **62.5557, 73.1799, 41.0091**, and if you desaturate by 10%, it is **69.2014, 76.0816, 65.0115**.

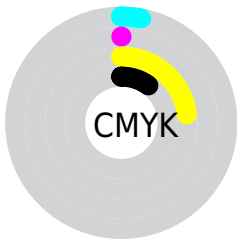
Distribution



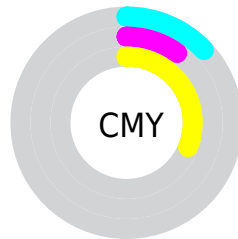
- Red (87%)
- Green (90%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6746, 74.5454, 52.0016 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 65.6746, 74.5454, 52.0016 by changing the saturation by 10% instead.

■ 65.6746, 74.5454,
52.0016

■ 65.6746, 74.5454,
52.0016

434.7192,
476.3536, 411.3999

■ 48.2750, 55.2405,
36.6241

■ 112.0795,
125.6686, 94.5602

■ 34.2569, 39.5943,
24.6231

141.8155,
158.2558, 122.5784

■ 23.2548, 27.2224,
15.5800

176.3944,
196.0392, 155.6472

■ 14.9035, 17.7403,
9.0763

216.1815,
239.4033, 194.1852

■ 8.8376, 10.7637,
4.6935

261.5422,
288.7323, 238.6110

■ 4.6917, 5.9082,
2.0130

312.8418,

■ 2.1004, 2.7893,

344.4108, 289.3430

0.5633

370.4457,
406.8231, 346.7998

0.6894, 1.0228,
0.0000

0.0000, 0.0000,
0.0000

65.6746, 74.5454,
52.0016

65.6746, 74.5454,
52.0016

62.5557, 73.1799,
41.0091

69.2014, 76.0816,
65.0115

59.8195, 71.9676,
31.9282

73.1482, 77.7857,
80.1279

57.4471, 70.9031,
24.6508

77.5338, 79.6679,
97.4403

55.4153, 69.9775,
19.0561

80.2775, 80.8959,
105.9911

■ 53.6983, 69.1801,
15.0086

■ 81.4296, 81.4899,
106.0451

■ 52.2663, 68.4992,
12.3517

■ 82.6040, 82.0953,
106.1000

■ 51.0831, 67.9203,
10.8960

■ 83.8009, 82.7123,
106.1560

■ 50.3767, 67.5666,
10.3865

■ 85.0203, 83.3409,
106.2131

■ 86.2624, 83.9813,
106.2712

Harmonies

Analogous

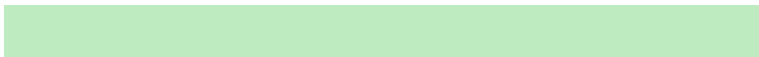
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1254, 74.5454, 49.7285



65.6746, 74.5454, 52.0016



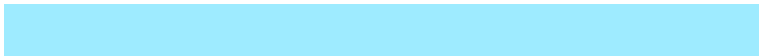
60.8975, 74.5454, 61.5251

Triad

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



65.6746, 74.5454, 52.0016



63.6140, 74.5454, 114.9682



84.4516, 74.5454, 84.8435

Complementary

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



65.6746, 74.5454, 52.0016



49.4383, 46.9002, 80.5799

Split Complementary

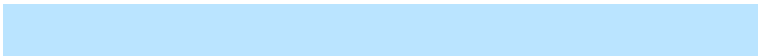
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8387, 74.5454, 104.5995



65.6746, 74.5454, 52.0016



69.5959, 74.5454, 123.6623

Square

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



65.6746, 74.5454, 52.0016



59.7614, 74.5454, 97.3446



76.2970, 74.5454, 119.5973



83.2389, 74.5454, 66.8895

Rectangle

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



65.6746, 74.5454, 52.0016



59.1655, 74.5454, 71.6292



76.2970, 74.5454, 119.5973



83.9868, 74.5454, 91.5165

Sweetspot

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



65.6765, 74.5487, 52.0032



91.3231, 98.3955, 94.4147



57.2823, 54.0549, 48.4899



19.4809, 21.0322, 19.9551



0.0000, 0.0000, 0.0000



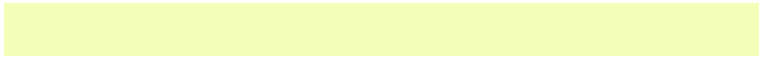
20.3446, 21.4041, 23.3091

Same Dimension

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



65.6765, 74.5487, 52.0032



81.7532, 94.2358, 59.0083



58.2480, 70.7192, 51.6555



15.3765, 16.7012, 15.3177



28.8832, 38.6713, 5.9420



2.1926, 2.8877, 0.4418

Inverse Universe

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



49.4383, 46.9002, 80.5799



57.4542, 52.8552, 101.7816



56.3773, 50.4774, 80.9046



13.7844, 13.9911, 18.1184



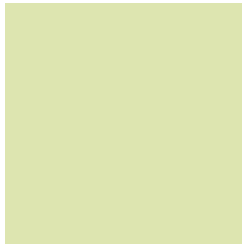
8.5371, 3.4669, 42.6024



0.6940, 0.2887, 3.1511

Previews

White Background



This preview shows how the XYZ color 65.6746, 74.5454, 52.0016 looks on a white background.

Color Contrast Check

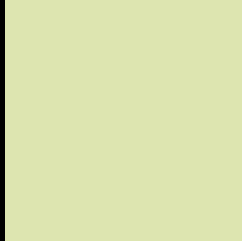
Large Text (above 18pt) WCAG AA × Fail

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 65.6746, 74.5454, 52.0016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

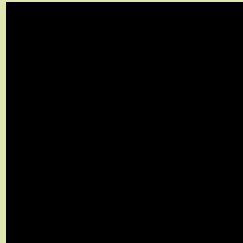
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

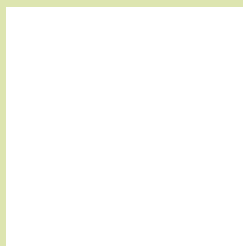
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6746, 74.5454, 52.0016

Background



This preview shows how black text looks on a background with the XYZ color 65.6746, 74.5454, 52.0016.



This preview shows how white text looks on a background with the XYZ color 65.6746, 74.5454,

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

65.6746, 74.5454, 52.0016

Protanopia

69.7951, 74.6792, 50.2711

Deuteranopia

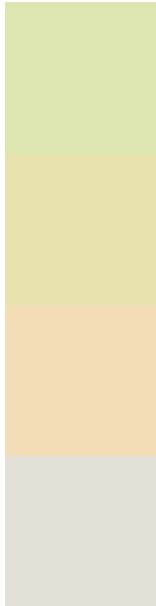
75.0225, 74.4736, 57.4344



Tritanopia

73.6022, 74.5440, 91.3981

Trichromacy



Original Color

65.6746, 74.5454, 52.0016

Protanomaly

68.1150, 74.6045, 50.8545

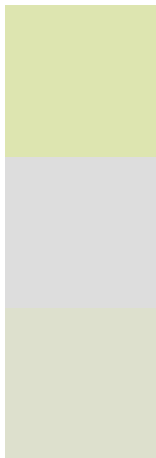
Deuteranomaly

71.3658, 74.1865, 55.3578

Tritanomaly

70.2854, 74.3864, 74.9435

Monochromacy



Original Color

65.6746, 74.5454, 52.0016

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.4939, 73.0912, 68.3083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6746, 74.5454, 52.0016 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(221, 229, 176)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 176)  
}
```

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(221, 229, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 176) }
```

Border

The CSS property to change the border of an element to XYZ 65.6746, 74.5454, 52.0016 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(221, 229, 176) }
```


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

```
.border{ border-color:rgb(221, 229, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 229, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 229, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 229, 176);  
box-shadow:4px 4px 4px 4px rgb(221, 229,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6746, 74.5454, 52.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 176) }
```

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

```
.background{ background-color: rgb(221,  
229, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor