

Converting Colors

XYZ(65.0764, 72.0645, 53.1086)

Have a look what the booklet for
XYZ(65.0764, 72.0645, 53.1086)
contains.

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Color

**XYZ(65.2238, 72.2540,
53.1566)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE0B3
RGB	223, 224, 179
RGB Percent	87%, 88%, 70%
CMY	0.1255, 0.1215, 0.2980
CMYK	0.00, 0.00, 0.20, 0.12
HSL	61°, 42%, 79%
HSV	61°, 20%, 88%
XYZ	65.2238, 72.2540, 53.1566
YIQ	218.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

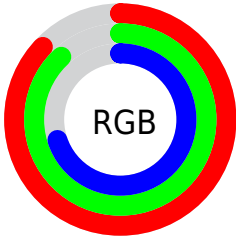
Format	Color
RYB	179, 224, 180
Decimal	14672051
CIELab	88.09, -7.65, 21.99
CIELCh	88, 23.277, 109.176
Yxy	72.2540, 0.3421, 0.3790
Android (android.graphics.Color)	4292862131 (0xFFDFE0B3)
YUV	218.5710, -19.5085, 3.8842
Hunter-Lab	85.0024, -11.7879, 22.4244

Details

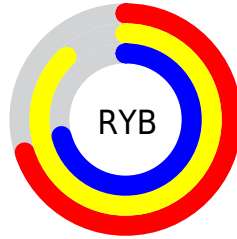
The XYZ color **65.2238, 72.2540, 53.1566** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3998, 47.3273, 77.1092**, and the grayscale version is **67.1605, 70.6581, 76.9466**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **33.8902, 38.0978, 25.3061** is the 20% darker color. If you saturate the color by 10%, you get **62.9867, 71.3438, 42.1711**, and if you desaturate by 10%, it is **67.8332, 73.3181, 66.0835**.

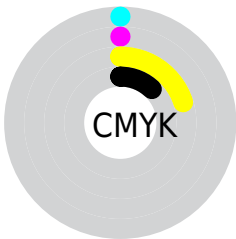
Distribution



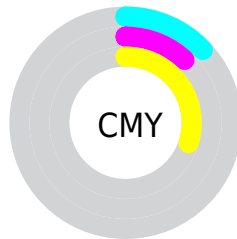
- Red (87%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2238, 72.2540, 53.1566 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 65.2238, 72.2540, 53.1566 by changing the saturation by 10% instead.

65.2238, 72.2540,
53.1566

65.2238, 72.2540,
53.1566

433.1283,
468.4252, 415.9690

47.9079, 53.3662,
37.5392

111.4355,
122.4176, 96.2786

33.9649, 38.0952,
25.3262

141.0620,
154.4621, 124.6204

23.0294, 26.0566,
16.0990

175.5228,
191.6611, 158.0407

14.7361, 16.8660,
9.4391

215.1832,
234.3988, 196.9580

8.7195, 10.1390,
4.9280

260.4086,
283.0597, 241.7910

4.6143, 5.4912,
2.1471

311.5644,

2.0552, 2.5382,

338.0281, 292.9581

0.6436

369.0158,
399.6885, 350.8779

■ 0.6647, 0.8957,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2238, 72.2540,
53.1566

■ 65.2238, 72.2540,
53.1566

■ 62.9867, 71.3438,
42.1711

■ 67.8332, 73.3181,
66.0835

■ 61.0985, 70.5708,
33.0291

■ 70.8259, 74.5330,
81.0345

■ 59.5419, 69.9305,
25.6307

■ 74.2192, 75.9083,
98.0928

■ 58.2958, 69.4145,
19.8652

■ 75.7591, 76.5422,
105.3889

■ 57.3368, 69.0133,
15.6090

■ 75.9153, 76.6227,
105.3962

■ 56.6380, 68.7162,
12.7207

■ 76.0719, 76.7035,
105.4036

■ 56.1676, 68.5106,
11.0326

■ 76.2291, 76.7845,
105.4109

■ 55.8715, 68.3749,
10.2529

■ 76.3866, 76.8657,
105.4183

■ 76.5447, 76.9472,
105.4257

Harmonies

Analogous

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



70.7021, 72.2540, 52.2730



65.2238, 72.2540, 53.1566



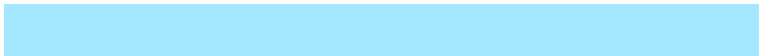
60.9003, 72.2540, 60.3093

Triad

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



65.2238, 72.2540, 53.1566



61.9220, 72.2540, 104.1847



79.7178, 72.2540, 84.5620

Complementary

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



65.2238, 72.2540, 53.1566



48.3998, 47.3273, 77.1092

Split Complementary

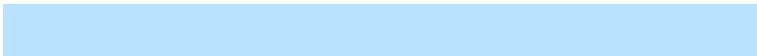
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0853, 72.2540, 100.4290



65.2238, 72.2540, 53.1566



66.6875, 72.2540, 112.7323

Square

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



65.2238, 72.2540, 53.1566



59.0663, 72.2540, 89.1619



72.2464, 72.2540, 111.2720



79.2736, 72.2540, 69.0395

Rectangle

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



65.2238, 72.2540, 53.1566



59.1614, 72.2540, 68.2841



72.2464, 72.2540, 111.2720



79.1580, 72.2540, 90.0641

Sweetspot

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



65.2257, 72.2572, 53.1581



92.5580, 98.9887, 96.4330



55.1504, 51.6454, 49.7107



19.7557, 21.1651, 20.3633



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.



65.2257, 72.2572, 53.1581



86.2141, 96.4078, 64.9858



58.8153, 68.9525, 52.8581



14.8399, 16.0131, 14.6155



32.5333, 39.8040, 5.9683



2.2648, 2.7640, 0.4141

Inverse Universe

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



48.3998, 47.3273, 77.1092



59.8461, 57.3389, 102.5210



54.0017, 50.2151, 77.3714



12.9802, 13.2578, 17.2626



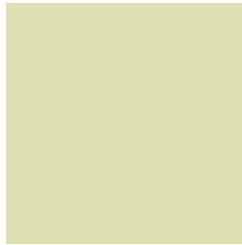
7.8807, 3.1580, 41.2426



0.5564, 0.2241, 2.8592

Previews

White Background



This preview shows how the XYZ color 65.2238, 72.2540, 53.1566 looks on a white background.

Color Contrast Check

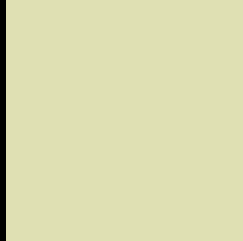
Large Text (above 18pt) WCAG AA × Fail

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 65.2238, 72.2540, 53.1566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

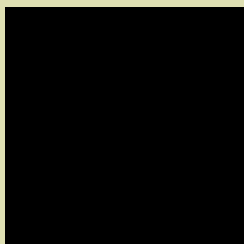
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

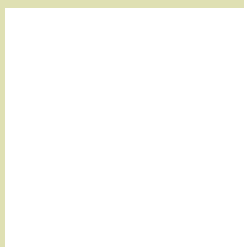
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2238, 72.2540, 53.1566

Background



This preview shows how black text looks on a background with the XYZ color 65.2238, 72.2540, 53.1566.



This preview shows how white text looks on a background with the XYZ color 65.2238, 72.2540,

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

65.2238, 72.2540, 53.1566

Protanopia

67.4607, 71.8531, 51.9085

Deuteranopia

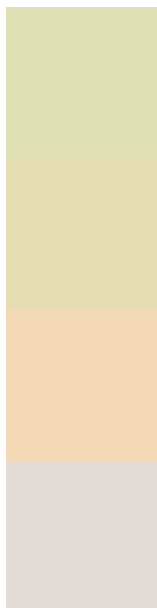
73.5815, 72.2674, 54.8706



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

65.2238, 72.2540, 53.1566

Protanomaly

66.5255, 71.7502, 52.4624

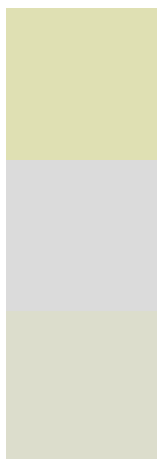
Deuteranomaly

70.2185, 72.0578, 54.4636

Tritanomaly

69.4094, 72.3723, 73.9293

Monochromacy



Original Color

65.2238, 72.2540, 53.1566

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.2707, 71.2882, 67.3939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2238, 72.2540, 53.1566 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(223, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 179)  
}
```

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(223, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 179) }
```

Border

The CSS property to change the border of an element to XYZ 65.2238, 72.2540, 53.1566 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(223, 224, 179) }
```


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

```
.border{ border-color:rgb(223, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2238, 72.2540, 53.1566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 179) }
```

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

```
.background{ background-color: rgb(223,  
224, 179) }
```

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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