

Converting Colors

XYZ(65.8396, 71.6100, 53.1567)

Have a look what the booklet for
XYZ(65.8396, 71.6100, 53.1567)
contains.

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Color

**XYZ(65.9365, 71.8281,
53.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEB3
RGB	227, 222, 179
RGB Percent	89%, 87%, 70%
CMY	0.1098, 0.1294, 0.2980
CMYK	0.00, 0.02, 0.21, 0.11
HSL	54°, 46%, 80%
HSV	54°, 21%, 89%
XYZ	65.9365, 71.8281, 53.0368
YIQ	218.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

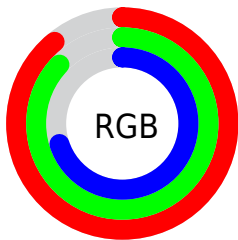
Format	Color
R_{YB}	185, 227, 179
Decimal	14933683
CIE _{Lab}	87.89, -5.16, 21.75
CIE _{LCh}	88, 22.355, 103.351
Yxy	71.8281, 0.3456, 0.3765
Android (android.graphics.Color)	4293123763 (0xFFE3DEB3)
YUV	218.5930, -19.5193, 7.3729
Hunter-Lab	84.7515, -9.4423, 22.2228

Details

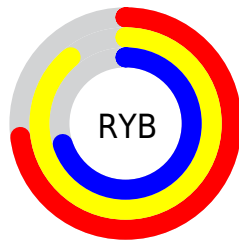
The XYZ color **65.9365, 71.8281, 53.0368** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.5958, 49.4096, 79.5965**, and the grayscale version is **67.1743, 70.6726, 76.9625**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **34.3792, 37.8017, 25.2231** is the 20% darker color. If you saturate the color by 10%, you get **63.2048, 69.7410, 41.7168**, and if you desaturate by 10%, it is **69.0588, 74.0904, 66.3533**.

Distribution



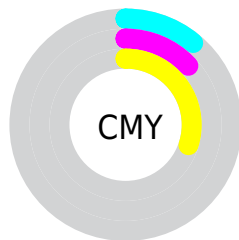
- Red (89%)
- Green (87%)
- Blue (70%)



- Red (73%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9365, 71.8281, 53.0368 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 65.9365, 71.8281, 53.0368 by changing the saturation by 10% instead.

■ 65.9365, 71.8281,
53.0368

■ 65.9365, 71.8281,
53.0368

435.6420,
466.9431, 415.4966

■ 48.4884, 53.0183,
37.4442

■ 112.4534,
121.8121, 96.1006

■ 34.4267, 37.8174,
25.2531

142.2529,
153.7551, 124.4089

■ 23.3860, 25.8410,
16.0450

176.9003,
190.8445, 157.7929

■ 15.0010, 16.7047,
9.4013

216.7608,
233.4649, 196.6711

■ 8.9064, 10.0242,
4.9035

262.1999,
282.0005, 241.4620

■ 4.7368, 5.4150,
2.1330

313.5829,

■ 2.1269, 2.4927,

336.8358, 292.5842

0.6353

371.2751,
398.3552, 350.4562

■ 0.7038, 0.8730,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9365, 71.8281,
53.0368

■ 65.9365, 71.8281,
53.0368

■ 63.2048, 69.7410,
41.7168

■ 69.0588, 74.0904,
66.3533

■ 60.8395, 67.8120,
32.2913

■ 72.5832, 76.5253,
81.7525

■ 58.8224, 66.0362,
24.6566

■ 76.5278, 79.1424,
99.3208

■ 57.1315, 64.4048,
18.6966

■ 78.4320, 80.9576,
106.1003

■ 55.7421, 62.9078,
14.2821

■ 79.0994, 82.2923,
106.3228

■ 54.6262, 61.5340,
11.2646

■ 79.7757, 83.6450,
106.5482

■ 53.7499, 60.2698,
9.4669

■ 80.4611, 85.0157,
106.7767

■ 53.1241, 59.2218,
8.6310

■ 81.1554, 86.4044,
107.0081

■ 81.8589, 87.8113,
107.2426

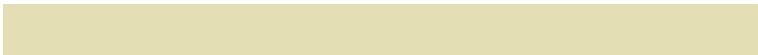
Harmonies

Analogous

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



71.2420, 71.8281, 53.3742



65.9365, 71.8281, 53.0368



61.4893, 71.8281, 58.7891

Triad

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



65.9365, 71.8281, 53.0368



61.1020, 71.8281, 100.0818



78.5426, 71.8281, 86.9020

Complementary

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



65.9365, 71.8281, 53.0368



49.5958, 49.4096, 79.5965

Split Complementary

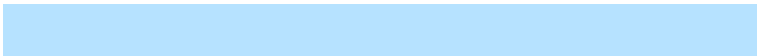
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5327, 71.8281, 101.4930



65.9365, 71.8281, 53.0368



65.3827, 71.8281, 109.7524

Square

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



65.9365, 71.8281, 53.0368



58.7974, 71.8281, 85.1673



70.6588, 71.8281, 110.3001



78.7100, 71.8281, 71.6397

Rectangle

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



65.9365, 71.8281, 53.0368



59.5335, 71.8281, 65.7960



70.6588, 71.8281, 110.3001



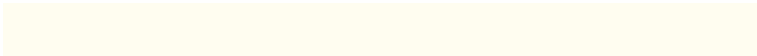
77.8229, 71.8281, 92.0917

Sweetspot

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



65.9384, 71.8313, 53.0383



92.1778, 98.0418, 96.2703



56.5142, 52.0579, 52.7484



19.6655, 20.9405, 20.3247



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.



65.9384, 71.8313, 53.0383



84.3516, 92.3927, 62.8224



61.7879, 71.6904, 53.2299



15.4667, 16.5474, 15.2832



31.0328, 34.6398, 5.0505



2.3303, 2.6339, 0.3856

Inverse Universe

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



49.5958, 49.4096, 79.5965



59.7664, 58.6639, 102.7810



53.1169, 49.7116, 79.4692



13.7029, 14.1272, 18.1489



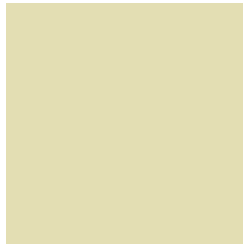
8.3119, 3.6860, 42.6565



0.6551, 0.3542, 3.1658

Previews

White Background



This preview shows how the XYZ color 65.9365, 71.8281, 53.0368 looks on a white background.

Color Contrast Check

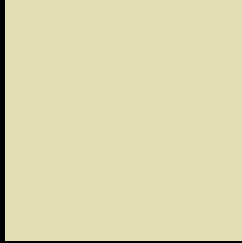
Large Text (above 18pt) WCAG AA × Fail

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 65.9365, 71.8281, 53.0368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

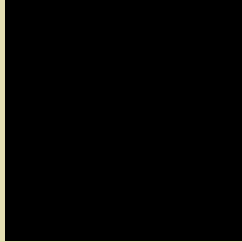
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

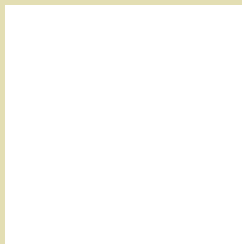
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9365, 71.8281, 53.0368

Background



This preview shows how black text looks on a background with the XYZ color 65.9365, 71.8281, 53.0368.



This preview shows how white text looks on a background with the XYZ color 65.9365, 71.8281,

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

65.9365, 71.8281, 53.0368

Protanopia

67.5608, 71.8932, 52.4354

Deuteranopia

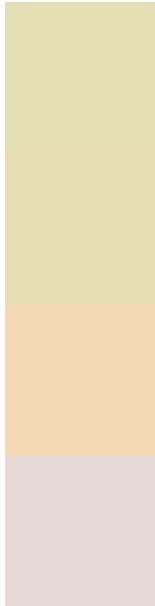
73.1240, 71.6832, 53.6982



Tritanopia

72.7976, 71.9195, 86.3889

Trichromacy



Original Color

65.9365, 71.8281, 53.0368

Protanomaly

66.8473, 71.9162, 52.4775

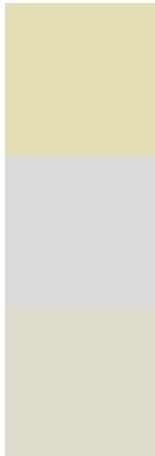
Deuteranomaly

70.4503, 71.8195, 53.3294

Tritanomaly

70.0366, 71.9358, 73.1445

Monochromacy



Original Color

65.9365, 71.8281, 53.0368

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6165, 71.0756, 67.3346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9365, 71.8281, 53.0368 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(227, 222, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 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(227, 222, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 179) }
```

Border

The CSS property to change the border of an element to XYZ 65.9365, 71.8281, 53.0368 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(227, 222, 179) }
```


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

```
.border{ border-color:rgb(227, 222, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 179);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9365, 71.8281, 53.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 179) }
```

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

```
.background{ background-color: rgb(227,  
222, 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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