

Converting Colors

XYZ(66.0272, 72.3128, 55.3312)

Have a look what the booklet for
XYZ(66.0272, 72.3128, 55.3312)
contains.

XYZ(65.9863, 72.2018, 55.2582)	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(65.9863, 72.2018,
55.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFB7
RGB	225, 223, 183
RGB Percent	88%, 87%, 72%
CMY	0.1176, 0.1255, 0.2823
CMYK	0.00, 0.01, 0.19, 0.12
HSL	57°, 41%, 80%
HSV	57°, 19%, 88%
XYZ	65.9863, 72.2018, 55.2582
YIQ	219.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

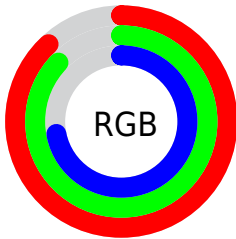
Format	Color
R _Y B	185, 225, 183
Decimal	14802871
CIE Lab	88.07, -5.83, 19.89
CIE LCh	88, 20.729, 106.323
Yxy	72.2018, 0.3411, 0.3732
Android (android.graphics.Color)	4292992951 (0xFFE1DFB7)
YUV	219.0380, -17.7667, 5.2287
Hunter-Lab	84.9716, -10.0829, 20.9231

Details

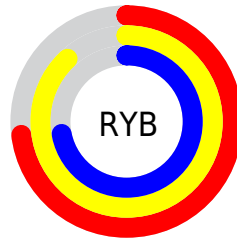
The XYZ color **65.9863, 72.2018, 55.2582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4679, 50.2005, 78.2645**, and the grayscale version is **67.4725, 70.9863, 77.3041**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **34.3941, 38.0520, 26.6511** is the 20% darker color. If you saturate the color by 10%, you get **63.5452, 70.7723, 43.7995**, and if you desaturate by 10%, it is **68.8074, 73.7911, 68.6923**.

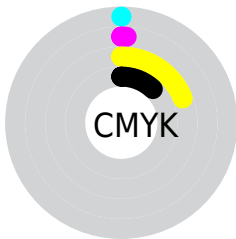
Distribution



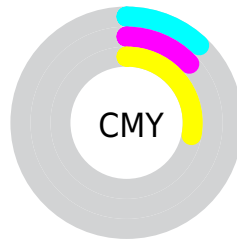
- Red (88%)
- Green (87%)
- Blue (72%)



- Red (73%)
- Yellow (88%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9863, 72.2018, 55.2582 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 65.9863, 72.2018, 55.2582 by changing the saturation by 10% instead.

65.9863, 72.2018,
55.2582

65.9863, 72.2018,
55.2582

435.8173,
468.2437, 424.1994

48.5289, 53.3235,
39.2085

112.5245,
122.3434, 99.3941

34.4589, 38.0611,
26.6129

142.3361,
154.3755, 128.3174

23.4110, 26.0301,
17.0528

176.9964,
191.5611, 162.3689

15.0196, 16.8462,
10.1098

216.8709,
234.2844, 201.9672

8.9196, 10.1249,
5.3653

262.3249,
282.9299, 247.5309

4.7454, 5.4818,
2.4007

313.7237,

2.1319, 2.5327,

337.8821, 299.4785

0.7868

371.4327,
399.5252, 358.2285

■ 0.7065, 0.8929,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.9863, 72.2018,
55.2582

■ 65.9863, 72.2018,
55.2582

■ 63.5452, 70.7723,
43.7995

■ 68.8074, 73.7911,
68.6923

■ 61.4607, 69.4858,
34.2182

■ 72.0195, 75.5372,
84.1845

■ 59.7155, 68.3380,
26.4146

■ 75.6399, 77.4496,
101.8184

■ 58.2886, 67.3203,
20.2782

■ 76.6477, 78.3198,
105.6852

■ 57.1566, 66.4234,
15.6862

■ 76.9414, 78.9073,
105.7831

■ 56.2930, 65.6368,
12.4987

■ 77.2370, 79.4985,
105.8817

■ 55.6664, 64.9478,
10.5506

■ 77.5344, 80.0933,
105.9808

■ 55.2298, 64.3377,
9.5937

■ 77.8336, 80.6917,
106.0805

■ 55.1771, 64.2588,
9.4950

■ 78.1347, 81.2938,
106.1809

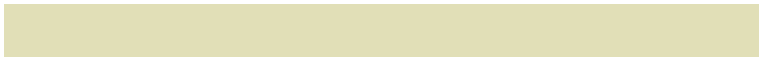
Harmonies

Analogous

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



70.8999, 72.2018, 55.0012



65.9863, 72.2018, 55.2582



61.9721, 72.2018, 61.2598

Triad

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



65.9863, 72.2018, 55.2582



62.2627, 72.2018, 100.0147



78.2913, 72.2018, 85.2359

Complementary

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



65.9863, 72.2018, 55.2582



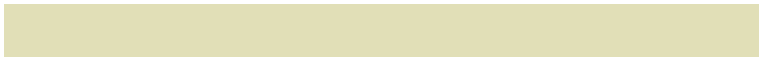
50.4679, 50.2005, 78.2645

Split Complementary

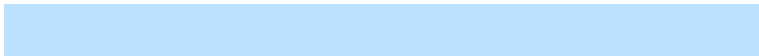
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7392, 72.2018, 98.9739



65.9863, 72.2018, 55.2582



66.4005, 72.2018, 108.1737

Square

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



65.9863, 72.2018, 55.2582



59.8940, 72.2018, 86.5247



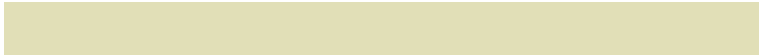
71.3344, 72.2018, 107.7714



78.1672, 72.2018, 71.2035

Rectangle

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



65.9863, 72.2018, 55.2582



60.2760, 72.2018, 68.1731



71.3344, 72.2018, 107.7714



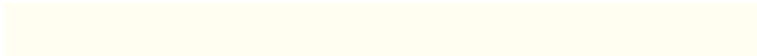
77.7128, 72.2018, 90.0732

Sweetspot

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



65.9882, 72.2050, 55.2597



92.4522, 98.5906, 96.3617



56.7532, 53.3825, 53.2679



19.7305, 21.0706, 20.3464



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.



65.9882, 72.2050, 55.2597



86.4529, 95.2102, 67.7928



60.9546, 70.4062, 55.1778



14.8130, 15.9121, 14.5974



31.8205, 37.0788, 5.4798



2.2231, 2.6050, 0.3856

Inverse Universe

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



50.4679, 50.2005, 78.2645



62.5953, 61.3857, 103.1572



54.8550, 51.8468, 78.3510



13.0040, 13.3472, 17.2786



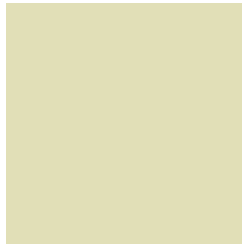
7.9223, 3.3141, 41.2705



0.5678, 0.2671, 2.8669

Previews

White Background



This preview shows how the XYZ color 65.9863, 72.2018, 55.2582 looks on a white background.

Color Contrast Check

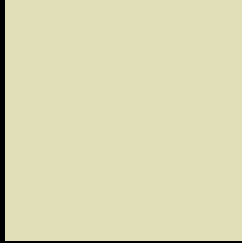
Large Text (above 18pt) WCAG AA × Fail

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 65.9863, 72.2018, 55.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

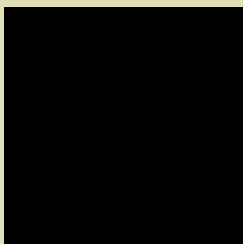
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

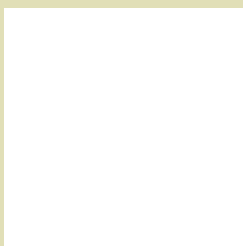
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9863, 72.2018, 55.2582

Background



This preview shows how black text looks on a background with the XYZ color 65.9863, 72.2018, 55.2582.



This preview shows how white text looks on a background with the XYZ color 65.9863, 72.2018,

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

65.9863, 72.2018, 55.2582

Protanopia

67.9684, 72.0562, 54.5819

Deuteranopia

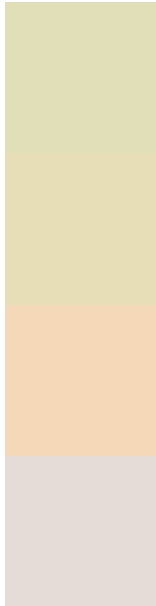
73.5404, 71.8497, 55.8913



Tritanopia

72.5426, 72.1507, 87.1939

Trichromacy



Original Color

65.9863, 72.2018, 55.2582

Protanomaly

67.2549, 72.0792, 54.6239

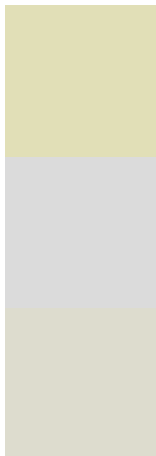
Deuteranomaly

70.5158, 71.8055, 55.4907

Tritanomaly

69.9104, 72.2273, 74.5466

Monochromacy



Original Color

65.9863, 72.2018, 55.2582

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5526, 71.0148, 68.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9863, 72.2018, 55.2582 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(225, 223, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 183)  
}
```

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(225, 223, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 183) }
```

Border

The CSS property to change the border of an element to XYZ 65.9863, 72.2018, 55.2582 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(225, 223, 183) }
```


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

```
.border{ border-color:rgb(225, 223, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9863, 72.2018, 55.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 183) }
```

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

```
.background{ background-color: rgb(225,  
223, 183) }
```

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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