

Converting Colors

XYZ(65.6615, 72.8497, 55.3775)

Have a look what the booklet for
XYZ(65.6615, 72.8497, 55.3775)
contains.

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Color

**XYZ(65.5967, 72.7989,
55.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1B7
RGB	222, 225, 183
RGB Percent	87%, 88%, 72%
CMY	0.1294, 0.1176, 0.2823
CMYK	0.01, 0.00, 0.19, 0.12
HSL	64°, 41%, 80%
HSV	64°, 19%, 88%
XYZ	65.5967, 72.7989, 55.3940
YIQ	219.3150, 11.6940, -13.6980

Conversions

Conversions Part 2

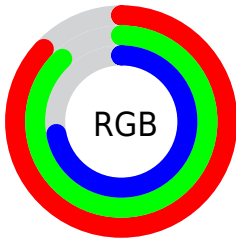
Format	Color
RYB	183, 225, 186
Decimal	14606775
CIELab	88.35, -7.93, 20.26
CIELCh	88, 21.754, 111.385
Yxy	72.7989, 0.3385, 0.3757
Android (android.graphics.Color)	4292796855 (0xFFDEE1B7)
YUV	219.3150, -17.9033, 2.3547
Hunter-Lab	85.3223, -12.0812, 21.2326

Details

The XYZ color **65.5967, 72.7989, 55.3940** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7765, 49.7442, 78.1635**, and the grayscale version is **67.6671, 71.1910, 77.5270**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **34.3403, 38.5766, 26.7552** is the 20% darker color. If you saturate the color by 10%, you get **62.9496, 71.6858, 44.0070**, and if you desaturate by 10%, it is **68.6268, 74.0706, 68.7561**.

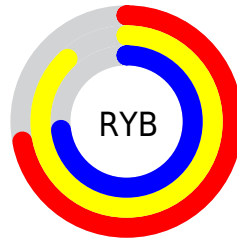
Distribution



Red (87%)

Green (88%)

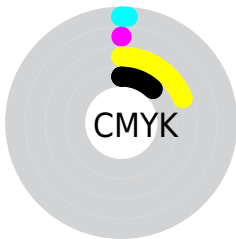
Blue (72%)



Red (72%)

Yellow (88%)

Blue (73%)

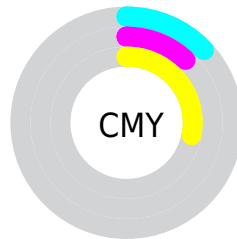


Cyan (1%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (13%)

Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5967, 72.7989, 55.3940 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 65.5967, 72.7989, 55.3940 by changing the saturation by 10% instead.


 65.5967, 72.7989,
55.3940

 65.5967, 72.7989,
55.3940


434.4446,
470.3175, 424.7277

 48.2116, 53.8115,
39.3165

 111.9682,
123.1917, 99.5949

 34.2064, 38.4510,
26.6963


141.6854,
155.3659, 128.5555

 23.2159, 26.3329,
17.1149


176.2439,
192.7045, 162.6474

 14.8746, 17.0729,
10.1536

216.0091,
235.5919, 202.2894

 8.8171, 10.2865,
5.3940

261.3464,
284.4126, 247.8998

 4.6782, 5.5893,
2.4175

312.6212,

 2.0925, 2.5970,

339.5508, 299.8973

0.7959

370.1988,
401.3910, 358.7004

■ 0.6852, 0.9252,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5967, 72.7989,
55.3940

■ 65.5967, 72.7989,
55.3940

■ 62.9496, 71.6858,
44.0070

■ 68.6268, 74.0706,
68.7561

■ 60.6620, 70.7147,
34.4971

■ 72.0507, 75.4979,
84.1760

■ 58.7166, 69.8809,
26.7646

■ 75.8859, 77.0903,
101.7373

■ 57.0924, 69.1761,
20.6991

■ 77.1110, 77.6393,
105.5294

■ 55.7660, 68.5911,
16.1775

■ 77.6254, 77.9044,
105.5535

■ 54.7108, 68.1150,
13.0601

■ 78.1445, 78.1720,
105.5778

■ 53.8955, 67.7354,
11.1818

■ 78.6684, 78.4421,
105.6023

■ 53.2730, 67.4335,
10.2943

■ 79.1970, 78.7146,
105.6271

■ 53.1959, 67.3957,
10.2049

■ 79.7305, 78.9897,
105.6520

Harmonies

Analogous

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



70.7080, 72.7989, 54.1008



65.5967, 72.7989, 55.3940



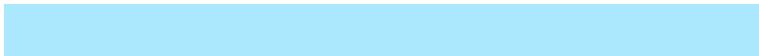
61.6415, 72.7989, 62.6416

Triad

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



65.5967, 72.7989, 55.3940



63.1149, 72.7989, 103.9205



79.6016, 72.7989, 83.6512

Complementary

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



65.5967, 72.7989, 55.3940



50.7765, 49.7442, 78.1635

Split Complementary

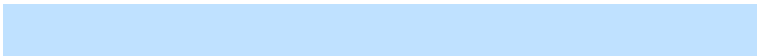
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3377, 72.7989, 98.5977



65.5967, 72.7989, 55.3940



67.7001, 72.7989, 111.2273

Square

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



65.5967, 72.7989, 55.3940



60.2596, 72.7989, 90.2184



72.9188, 72.7989, 109.1658



78.9688, 72.7989, 69.2372

Rectangle

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



65.5967, 72.7989, 55.3940



60.1084, 72.7989, 70.4372



72.9188, 72.7989, 109.1658



79.1501, 72.7989, 88.8026

Sweetspot

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



65.5986, 72.8021, 55.3956



92.2821, 98.8465, 96.4201



57.1177, 54.4619, 52.3025



19.6902, 21.1313, 20.3602



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.



65.5986, 72.8021, 55.3956



85.8362, 96.1457, 68.0059



59.6163, 69.7181, 55.1156



14.7699, 15.9771, 14.6122



30.6944, 38.8561, 5.8822



2.1569, 2.7084, 0.4091

Inverse Universe

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



50.7765, 49.7442, 78.1635



63.0553, 60.7051, 103.0016



56.2026, 52.5415, 78.4174



13.0424, 13.2899, 17.2655



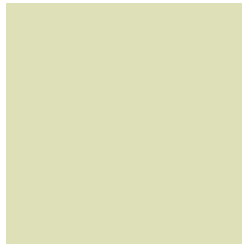
7.9915, 3.2151, 41.2477



0.5862, 0.2395, 2.8606

Previews

White Background



This preview shows how the XYZ color 65.5967, 72.7989, 55.3940 looks on a white background.

Color Contrast Check

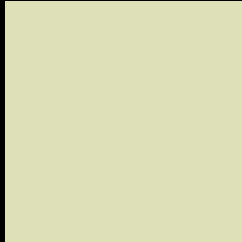
Large Text (above 18pt) WCAG AA × Fail

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 65.5967, 72.7989, 55.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

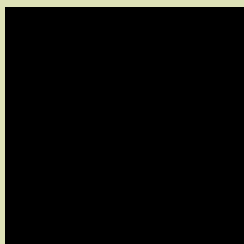
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

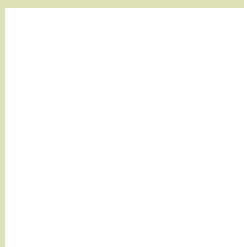
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5967, 72.7989, 55.3940

Background



This preview shows how black text looks on a background with the XYZ color 65.5967, 72.7989, 55.3940.



This preview shows how white text looks on a background with the XYZ color 65.5967, 72.7989,

55.3940.

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

65.5967, 72.7989, 55.3940

Protanopia

68.4579, 72.7113, 54.1426

Deuteranopia

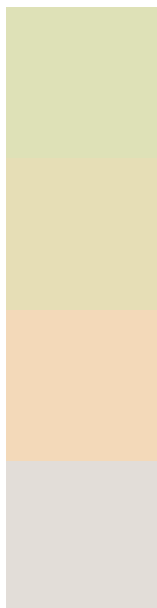
73.8972, 72.3937, 56.5329



Tritanopia

72.3799, 72.7990, 88.8340

Trichromacy



Original Color

65.5967, 72.7989, 55.3940

Protanomaly

67.1979, 72.4429, 54.6971

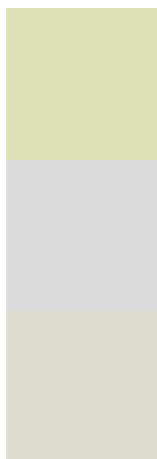
Deuteranomaly

70.5320, 72.1832, 56.1143

Tritanomaly

69.6152, 72.8395, 75.3561

Monochromacy



Original Color

65.5967, 72.7989, 55.3940

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5122, 71.3848, 68.6656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5967, 72.7989, 55.3940 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(222, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 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(222, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 65.5967, 72.7989, 55.3940 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(222, 225, 183) }
```


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

```
.border{ border-color:rgb(222, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5967, 72.7989, 55.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 183) }
```

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

```
.background{ background-color: rgb(222,  
225, 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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