

Converting Colors

XYZ(65.8231, 72.9762, 55.3365)

Have a look what the booklet for
XYZ(65.8231, 72.9762, 55.3365)
contains.

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Color

**XYZ(65.9039, 72.9573,
55.4084)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE1B7
RGB	223, 225, 183
RGB Percent	87%, 88%, 72%
CMY	0.1255, 0.1176, 0.2823
CMYK	0.01, 0.00, 0.19, 0.12
HSL	63°, 41%, 80%
HSV	63°, 19%, 88%
XYZ	65.9039, 72.9573, 55.4084
YIQ	219.6140, 12.2900, -13.4860

Conversions

Conversions Part 2

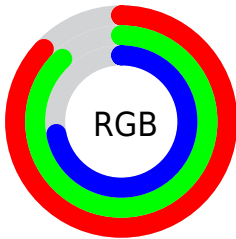
Format	Color
RYB	183, 225, 185
Decimal	14672311
CIELab	88.43, -7.57, 20.37
CIELCh	88, 21.734, 110.382
Yxy	72.9573, 0.3392, 0.3755
Android (android.graphics.Color)	4292862391 (0xFFDFE1B7)
YUV	219.6140, -18.0507, 2.9695
Hunter-Lab	85.4150, -11.7506, 21.3293

Details

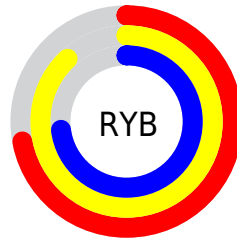
The XYZ color **65.9039, 72.9573, 55.4084** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5345, 49.6194, 78.1522**, and the grayscale version is **67.8759, 71.4107, 77.7663**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **34.5524, 38.6860, 26.7651** is the 20% darker color. If you saturate the color by 10%, you get **63.4176, 71.9271, 44.0290**, and if you desaturate by 10%, it is **68.7706, 74.1448, 68.7629**.

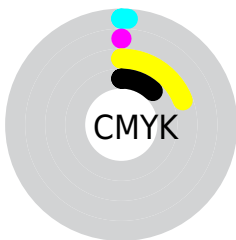
Distribution



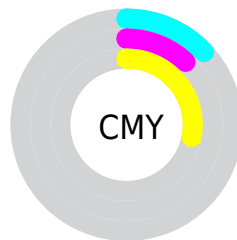
- Red (87%)
- Green (88%)
- Blue (72%)



- 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 65.9039, 72.9573, 55.4084 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 65.9039, 72.9573, 55.4084 by changing the saturation by 10% instead.

65.9039, 72.9573,
55.4084

65.9039, 72.9573,
55.4084

435.5272,
470.8668, 424.7837

48.4618, 53.9410,
39.3280

112.4069,
123.4166, 99.6162

34.4055, 38.5545,
26.7052

142.1985,
155.6284, 128.5807

23.3697, 26.4134,
17.1215

176.8373,
193.0076, 162.6769

14.9889, 17.1331,
10.1583

216.6887,
235.9384, 202.3235

8.8979, 10.3295,
5.3970

262.1181,
284.8054, 247.9389

4.7312, 5.6179,
2.4193

313.4907,

2.1235, 2.6142,

339.9928, 299.9417

0.7969

371.1719,
401.8852, 358.7505

0.7020, 0.9338,
0.0000

0.0000, 0.0000,
0.0000

65.9039, 72.9573,
55.4084

65.9039, 72.9573,
55.4084

63.4176, 71.9271,
44.0290

68.7706, 74.1448,
68.7629

61.2882, 71.0375,
34.5264

72.0285, 75.4865,
84.1750

59.4984, 70.2840,
26.8012

75.6950, 76.9920,
101.7284

58.0272, 69.6581,
20.7428

76.7489, 77.4526,
105.5125

■ 56.8512, 69.1506,
16.2283

■ 77.0893, 77.6281,
105.5284

■ 55.9439, 68.7507,
13.1178

■ 77.4319, 77.8047,
105.5445

■ 55.2740, 68.4461,
11.2463

■ 77.7765, 77.9824,
105.5606

■ 54.7942, 68.2178,
10.3655

■ 78.1233, 78.1611,
105.5768

■ 54.7360, 68.1896,
10.2770

■ 78.4722, 78.3410,
105.5931

Harmonies

Analogous

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



71.0355, 72.9573, 54.3171



65.9039, 72.9573, 55.4084



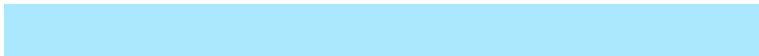
61.8905, 72.9573, 62.4702

Triad

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



65.9039, 72.9573, 55.4084



63.1338, 72.9573, 103.7221



79.7261, 72.9573, 84.3420

Complementary

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



65.9039, 72.9573, 55.4084



50.5345, 49.6194, 78.1522

Split Complementary

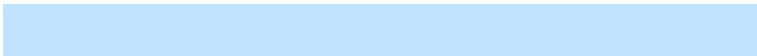
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3726, 72.9573, 99.2299



65.9039, 72.9573, 55.4084



67.6790, 72.9573, 111.3101

Square

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



65.9039, 72.9573, 55.4084



60.3478, 72.9573, 89.8841



72.9012, 72.9573, 109.5703



79.1920, 72.9573, 69.8345

Rectangle

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



65.9039, 72.9573, 55.4084



60.3060, 72.9573, 70.1659



72.9012, 72.9573, 109.5703



79.2421, 72.9573, 89.4932

Sweetspot

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



65.9058, 72.9605, 55.4100



92.4155, 98.9152, 96.4263



56.8246, 53.8757, 52.2048



19.7218, 21.1477, 20.3617



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.



65.9058, 72.9605, 55.4100



86.3189, 96.3946, 68.0285



59.9950, 69.9134, 55.1333



14.8037, 15.9945, 14.6138



31.5687, 39.3068, 5.9231



2.2084, 2.7349, 0.4115

Inverse Universe

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



50.5345, 49.6194, 78.1522



62.6934, 60.5186, 102.9847



55.8136, 52.3409, 78.3993



13.0123, 13.2743, 17.2641



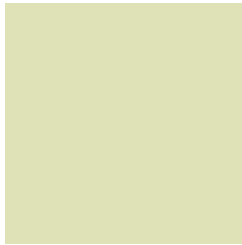
7.9367, 3.1868, 41.2452



0.5718, 0.2321, 2.8599

Previews

White Background



This preview shows how the XYZ color 65.9039, 72.9573, 55.4084 looks on a white background.

Color Contrast Check

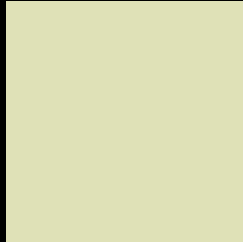
Large Text (above 18pt) WCAG AA × Fail

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 65.9039, 72.9573, 55.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

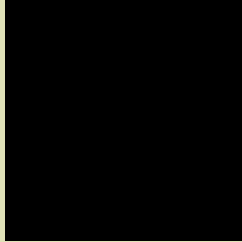
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

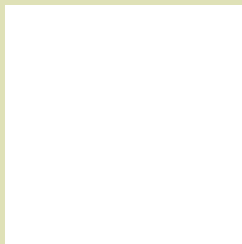
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9039, 72.9573, 55.4084

Background



This preview shows how black text looks on a background with the XYZ color 65.9039, 72.9573, 55.4084.



This preview shows how white text looks on a background with the XYZ color 65.9039, 72.9573,

55.4084.

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

65.9039, 72.9573, 55.4084

Protanopia

68.4579, 72.7113, 54.1426

Deuteranopia

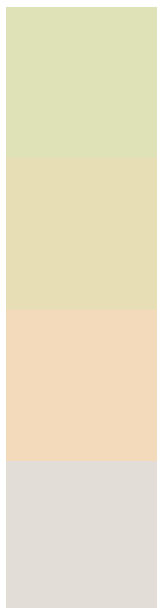
74.2562, 72.9410, 57.1790



Tritanopia

72.6999, 72.9640, 88.8490

Trichromacy



Original Color

65.9039, 72.9573, 55.4084

Protanomaly

67.5198, 72.6089, 54.7122

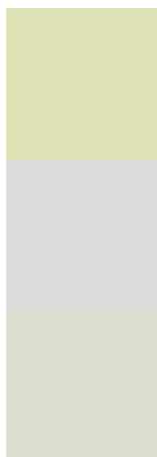
Deuteranomaly

70.8965, 72.7427, 56.7585

Tritanomaly

69.9297, 73.0017, 75.3708

Monochromacy



Original Color

65.9039, 72.9573, 55.4084

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.2026, 72.1197, 69.4100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9039, 72.9573, 55.4084 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, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 225, 183) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 65.9039, 72.9573, 55.4084 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, 225, 183) }
```


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

```
.border{ border-color:rgb(223, 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(223, 225, 183)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 65.9039, 72.9573, 55.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(223,  
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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