

Converting Colors

XYZ(65.3663, 71.8822, 55.2292)

Have a look what the booklet for
XYZ(65.3663, 71.8822, 55.2292)
contains.

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Color

**XYZ(65.3663, 71.8822,
55.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDFB7
RGB	223, 223, 183
RGB Percent	87%, 87%, 72%
CMY	0.1255, 0.1255, 0.2823
CMYK	0.00, 0.00, 0.18, 0.13
HSL	60°, 38%, 80%
HSV	60°, 18%, 87%
XYZ	65.3663, 71.8822, 55.2292
YIQ	218.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

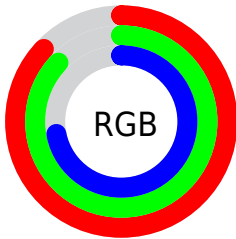
Format	Color
RYB	183, 223, 183
Decimal	14671799
CIELab	87.91, -6.55, 19.66
CIELCh	88, 20.720, 108.440
Yxy	71.8822, 0.3396, 0.3735
Android (android.graphics.Color)	4292861879 (0xFFDFDFB7)
YUV	218.4400, -17.4719, 3.9991
Hunter-Lab	84.7834, -10.7509, 20.7259

Details

The XYZ color **65.3663, 71.8822, 55.2292** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7840, 49.2639, 76.7010**, and the grayscale version is **67.0566, 70.5488, 76.8276**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **34.1803, 37.9418, 26.6411** is the 20% darker color. If you saturate the color by 10%, you get **63.2266, 71.0286, 43.9578**, and if you desaturate by 10%, it is **67.8776, 72.8893, 68.4407**.

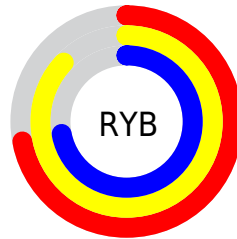
Distribution



Red (87%)

Green (87%)

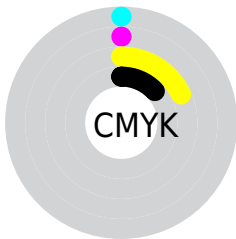
Blue (72%)



Red (72%)

Yellow (87%)

Blue (72%)

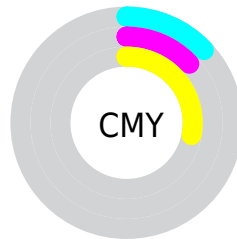


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3663, 71.8822, 55.2292 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 65.3663, 71.8822, 55.2292 by changing the saturation by 10% instead.

■ 65.3663, 71.8822,
55.2292

■ 65.3663, 71.8822,
55.2292

433.6316,
467.1315, 424.0866

■ 48.0240, 53.0625,
39.1854

■ 111.6391,
121.8890, 99.3512

■ 34.0572, 37.8526,
26.5951

141.3003,
153.8449, 128.2665

■ 23.1006, 25.8683,
17.0396

175.7984,
190.9483, 162.3094

■ 14.7889, 16.7252,
10.1005

215.4990,
233.5836, 201.8984

■ 8.7567, 10.0387,
5.3591

260.7672,
282.1351, 247.4521

■ 4.6387, 5.4246,
2.3971

311.9684,

■ 2.0694, 2.4985,

336.9874, 299.3890

0.7849

369.4681,
398.5247, 358.1276

0.6725, 0.8759,
0.0000

0.0000, 0.0000,
0.0000

65.3663, 71.8822,
55.2292

65.3663, 71.8822,
55.2292

63.2266, 71.0286,
43.9578

67.8776, 72.8893,
68.4407

61.4355, 70.3121,
34.5307

70.7710, 74.0467,
83.6725

59.9764, 69.7283,
26.8514

74.0636, 75.3638,
101.0063

58.8287, 69.2692,
20.8123

74.8743, 75.6882,
105.2707

■ 57.9698, 68.9255,
16.2942

■ 74.8751, 75.6887,
105.2708

■ 57.3741, 68.6871,
13.1617

■ 74.8760, 75.6891,
105.2708

■ 57.0113, 68.5419,
11.2558

■ 74.8769, 75.6896,
105.2709

■ 56.8390, 68.4729,
10.3529

■ 74.8778, 75.6900,
105.2709

■ 56.8136, 68.4627,
10.2202

■ 74.8786, 75.6905,
105.2709

Harmonies

Analogous

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



70.2397, 71.8822, 54.5634



65.3663, 71.8822, 55.2292



61.4697, 71.8822, 61.5992

Triad

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



65.3663, 71.8822, 55.2292



62.2226, 71.8822, 100.3961



78.0389, 71.8822, 83.8364

Complementary

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



65.3663, 71.8822, 55.2292



49.7840, 49.2639, 76.7010

Split Complementary

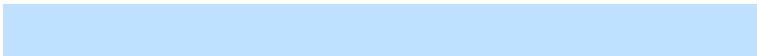
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6653, 71.8822, 97.7002



65.3663, 71.8822, 55.2292



66.4393, 71.8822, 108.0006

Square

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



65.3663, 71.8822, 55.2292



59.7157, 71.8822, 87.1752



71.3652, 71.8822, 106.9586



77.7175, 71.8822, 69.9883

Rectangle

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



65.3663, 71.8822, 55.2292



59.8773, 71.8822, 68.7066



71.3652, 71.8822, 106.9586



77.5253, 71.8822, 88.6766

Sweetspot

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



65.3682, 71.8854, 55.2307



93.0640, 99.2055, 98.4450



55.9144, 52.9756, 52.0790



19.8621, 21.2111, 20.7689



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.



65.3682, 71.8854, 55.2307



87.2946, 96.8975, 68.0742



59.5662, 68.8944, 54.9592



14.8716, 16.0295, 14.6170



33.4037, 40.2527, 6.0090



2.3154, 2.7901, 0.4165

Inverse Universe

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



49.7840, 49.2639, 76.7010



61.9790, 60.1503, 102.9513



54.8835, 51.8928, 76.9396



12.9523, 13.2434, 17.2613



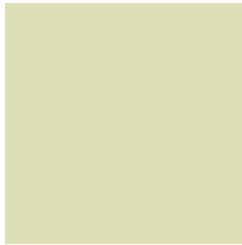
7.8318, 3.1328, 41.2403



0.5429, 0.2172, 2.8585

Previews

White Background



This preview shows how the XYZ color 65.3663, 71.8822, 55.2292 looks on a white background.

Color Contrast Check

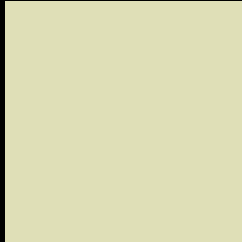
Large Text (above 18pt) WCAG AA × Fail

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 65.3663, 71.8822, 55.2292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

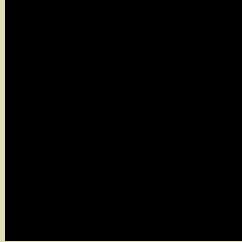
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

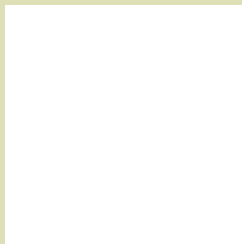
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3663, 71.8822, 55.2292

Background



This preview shows how black text looks on a background with the XYZ color 65.3663, 71.8822, 55.2292.



This preview shows how white text looks on a background with the XYZ color 65.3663, 71.8822,

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

65.3663, 71.8822, 55.2292

Protanopia

67.5380, 71.8462, 54.0241

Deuteranopia

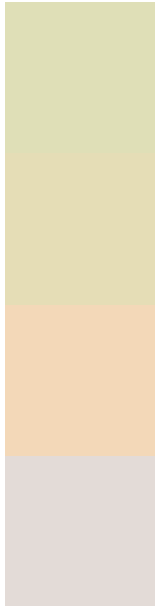
73.1735, 71.6606, 55.8742



Tritanopia

71.8970, 71.8179, 87.1637

Trichromacy



Original Color

65.3663, 71.8822, 55.2292

Protanomaly

66.6130, 71.7483, 54.5939

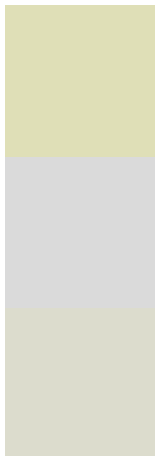
Deuteranomaly

70.1697, 71.6271, 55.4745

Tritanomaly

69.2758, 71.9002, 74.5169

Monochromacy



Original Color

65.3663, 71.8822, 55.2292

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.1278, 70.8098, 67.9400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3663, 71.8822, 55.2292 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, 223, 183)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 65.3663, 71.8822, 55.2292 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, 223, 183) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 65.3663, 71.8822, 55.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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