

Converting Colors

XYZ(65.5799, 73.5946, 54.7667)

Have a look what the booklet for
XYZ(65.5799, 73.5946, 54.7667)
contains.

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Color

**XYZ(65.7314, 73.6877,
55.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE3B6
RGB	221, 227, 182
RGB Percent	87%, 89%, 71%
CMY	0.1333, 0.1098, 0.2863
CMYK	0.03, 0.00, 0.20, 0.11
HSL	68°, 45%, 80%
HSV	68°, 20%, 89%
XYZ	65.7314, 73.6877, 55.0147
YIQ	220.0760, 10.8690, -15.2670

Conversions

Conversions Part 2

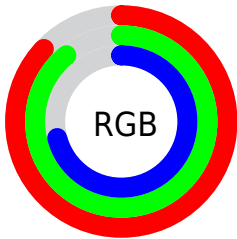
Format	Color
RYB	182, 227, 188
Decimal	14541750
CIELab	88.77, -9.45, 21.35
CIELCh	89, 23.350, 113.881
Yxy	73.6877, 0.3381, 0.3790
Android (android.graphics.Color)	4292731830 (0xFFDDE3B6)
YUV	220.0760, -18.7715, 0.8103
Hunter-Lab	85.8415, -13.5400, 22.0909

Details

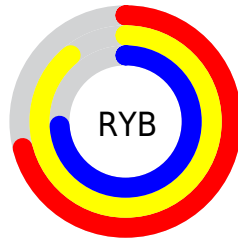
The XYZ color **65.7314, 73.6877, 55.0147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.3349, 49.6953, 79.5635**, and the grayscale version is **68.2038, 71.7557, 78.1420**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **34.4409, 39.1970, 26.5194** is the 20% darker color. If you saturate the color by 10%, you get **62.6598, 72.3560, 43.6017**, and if you desaturate by 10%, it is **69.2038, 75.1867, 68.4345**.

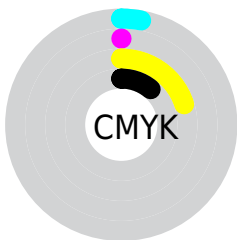
Distribution



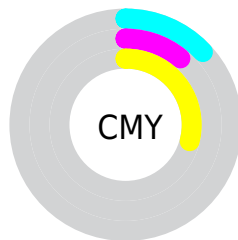
- Red (87%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7314, 73.6877, 55.0147 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 65.7314, 73.6877, 55.0147 by changing the saturation by 10% instead.

■ 65.7314, 73.6877,
55.0147

■ 65.7314, 73.6877,
55.0147

434.9195,
473.3948, 423.2512

■ 48.3213, 54.5385,
39.0148

■ 112.1606,
124.4530, 99.0339

■ 34.2937, 39.0323,
26.4633

141.9104,
156.8379, 127.8902

■ 23.2833, 26.7849,
16.9417

176.5041,
194.4034, 161.8691

■ 14.9247, 17.4117,
10.0314

216.3072,
237.5340, 201.3892

■ 8.8525, 10.5285,
5.3139

261.6849,
286.6140, 246.8688

■ 4.7014, 5.7507,
2.3707

313.0026,

■ 2.1061, 2.6941,

342.0279, 298.7267

0.7704

370.6257,
404.1600, 357.3813

0.6925, 0.9742,
0.0000

0.0000, 0.0000,
0.0000

65.7314, 73.6877,
55.0147

65.7314, 73.6877,
55.0147

62.6598, 72.3560,
43.6017

69.2038, 75.1867,
68.4345

59.9650, 71.1744,
34.0946

73.0885, 76.8499,
83.9464

57.6288, 70.1381,
26.3905

77.4034, 78.6873,
101.6362

55.6296, 69.2386,
20.3751

79.1629, 79.5044,
105.7813

■ 53.9430, 68.4659,
15.9212

■ 80.1609, 80.0189,
105.8280

■ 52.5414, 67.8092,
12.8833

■ 81.1760, 80.5422,
105.8755

■ 51.3919, 67.2551,
11.0887

■ 82.2083, 81.0744,
105.9238

■ 50.4385, 66.7813,
10.2431

■ 83.2577, 81.6154,
105.9729

■ 50.4224, 66.7733,
10.2310

■ 84.3245, 82.1653,
106.0229

Harmonies

Analogous

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



71.2023, 73.6877, 53.1039



65.7314, 73.6877, 55.0147



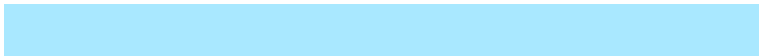
61.6239, 73.6877, 63.2557

Triad

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



65.7314, 73.6877, 55.0147



63.8275, 73.6877, 108.0811



81.4043, 73.6877, 83.5956

Complementary

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



65.7314, 73.6877, 55.0147



51.3349, 49.6953, 79.5635

Split Complementary

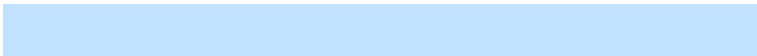
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1850, 73.6877, 100.0057



65.7314, 73.6877, 55.0147



68.8864, 73.6877, 115.3144

Square

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



65.7314, 73.6877, 55.0147



60.5667, 73.6877, 93.4994



74.5286, 73.6877, 112.1768



80.4484, 73.6877, 68.2855

Rectangle

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



65.7314, 73.6877, 55.0147



60.1113, 73.6877, 71.9019



74.5286, 73.6877, 112.1768



81.0013, 73.6877, 89.1848

Sweetspot

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



65.7333, 73.6910, 55.0163



91.9366, 98.6683, 96.4039



58.1077, 55.6767, 51.9411



19.6083, 21.0891, 20.3564



0.0000, 0.0000, 0.0000



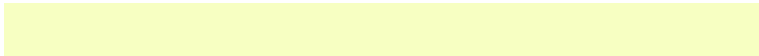
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7333, 73.6910, 55.0163



83.7745, 95.1501, 64.8717



59.3359, 70.3929, 54.7169



15.4025, 16.7146, 15.3189



29.4769, 38.9774, 5.9698



2.2309, 2.9075, 0.4436

Inverse Universe

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



51.3349, 49.6953, 79.5635



61.6452, 58.2664, 102.6052



57.3164, 52.7788, 79.8435



13.7607, 13.9789, 18.1173



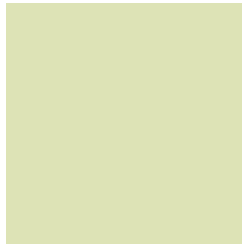
8.4585, 3.4264, 42.5987



0.6827, 0.2829, 3.1506

Previews

White Background



This preview shows how the XYZ color 65.7314, 73.6877, 55.0147 looks on a white background.

Color Contrast Check

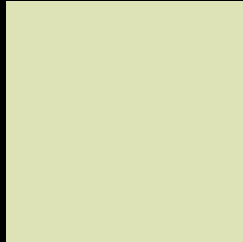
Large Text (above 18pt) WCAG AA × Fail

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 65.7314, 73.6877, 55.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

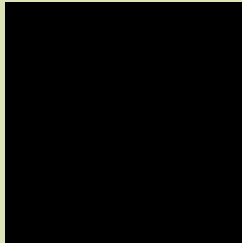
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

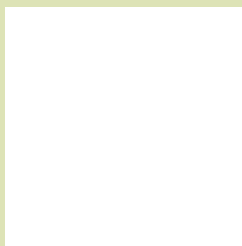
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7314, 73.6877, 55.0147

Background



This preview shows how black text looks on a background with the XYZ color 65.7314, 73.6877, 55.0147.



This preview shows how white text looks on a background with the XYZ color 65.7314, 73.6877,

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

65.7314, 73.6877, 55.0147

Protanopia

68.9516, 73.3707, 53.7078

Deuteranopia

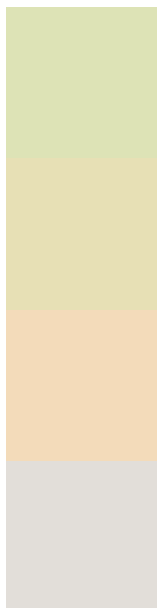
74.6175, 73.4917, 57.8295



Tritanopia

72.9307, 73.4355, 90.4514

Trichromacy



Original Color

65.7314, 73.6877, 55.0147

Protanomaly

67.9511, 73.6364, 54.3479

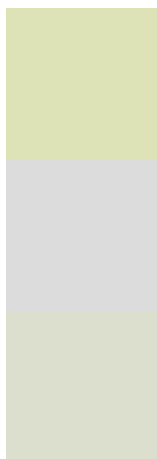
Deuteranomaly

71.1566, 73.2629, 56.8452

Tritanomaly

70.0097, 73.4211, 76.1274

Monochromacy



Original Color

65.7314, 73.6877, 55.0147

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.0435, 72.4472, 68.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7314, 73.6877, 55.0147 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(221, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 182)  
}
```

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(221, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.7314, 73.6877, 55.0147 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(221, 227, 182) }
```


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

```
.border{ border-color:rgb(221, 227, 182) }
```

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

Here you see how a box with a 4 pixel rgb(221, 227, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 227,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7314, 73.6877, 55.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 182) }
```

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

```
.background{ background-color: rgb(221,  
227, 182) }
```

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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