

Converting Colors

XYZ(55.1508, 67.5142, 44.3692)

Have a look what the booklet for
XYZ(55.1508, 67.5142, 44.3692)
contains.

XYZ(55.1850, 67.6655, 44.3346)	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(55.1850, 67.6655,
44.3346)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E1A2
RGB	192, 225, 162
RGB Percent	75%, 88%, 64%
CMY	0.2471, 0.1176, 0.3647
CMYK	0.15, 0.00, 0.28, 0.12
HSL	91°, 51%, 76%
HSV	91°, 28%, 88%
XYZ	55.1850, 67.6655, 44.3346
YIQ	207.9510, 0.5550, -26.5890

Conversions

Conversions Part 2

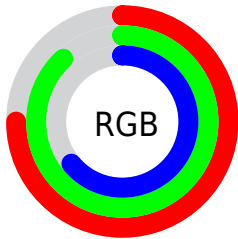
Format	Color
RYB	162, 225, 195
Decimal	12640674
CIELab	85.84, -21.84, 27.35
CIELCh	86, 34.996, 128.609
Yxy	67.6655, 0.3301, 0.4047
Android (android.graphics.Color)	4290830754 (0xFFC0E1A2)
YUV	207.9510, -22.6538, -13.9890
Hunter-Lab	82.2590, -24.2033, 25.6262

Details

The XYZ color **55.1850, 67.6655, 44.3346** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.0194, 42.8809, 76.9311**, and the grayscale version is **60.0659, 63.1940, 68.8183**.

A 20% lighter version of the original color is **87.3513, 96.6695, 79.7008**, and **27.6704, 35.2785, 20.1029** is the 20% darker color. If you saturate the color by 10%, you get **50.4957, 65.4609, 34.5925**, and if you desaturate by 10%, it is **60.4748, 70.1424, 55.9756**.

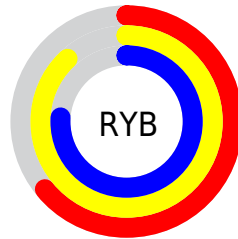
Distribution



Red (75%)

Green (88%)

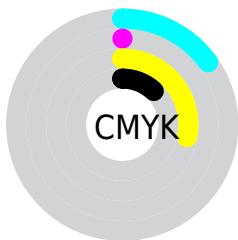
Blue (64%)



Red (64%)

Yellow (88%)

Blue (76%)

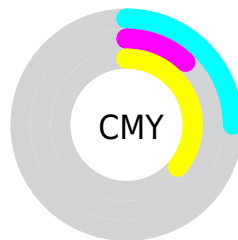


Cyan (15%)

Magenta (0%)

Yellow (28%)

Black (12%)



Cyan (25%)

Magenta (12%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1850, 67.6655, 44.3346 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 55.1850, 67.6655, 44.3346 by changing the saturation by 10% instead.

■ 55.1850, 67.6655,
44.3346

■ 55.1850, 67.6655,
44.3346

396.7378,
452.3100, 380.1532

■ 39.7843, 49.6257,
30.5945

■ 96.9587, 115.8735,
83.0288

■ 27.5539, 35.1160,
20.0344

■ 124.0624,
146.8104, 108.8201

■ 18.1284, 23.7523,
12.2357

155.7978,
182.8152, 139.4654

■ 11.1424, 15.1500,
6.7799

192.5303,
224.2721, 175.3835

■ 6.2307, 8.9247,
3.2485

234.6251,
271.5657, 216.9927

■ 3.0279, 4.6921,
1.2229

282.4478,

■ 1.1685, 2.0678,

325.0802, 264.7117

0.0000

336.3636,
385.2002, 318.9591

■ 0.0813, 0.6464,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1850, 67.6655,
44.3346

■ 55.1850, 67.6655,
44.3346

■ 50.4957, 65.4609,
34.5925

■ 60.4748, 70.1424,
55.9756

■ 46.3770, 63.5093,
26.6442

■ 66.3829, 72.8926,
69.6044

■ 42.8039, 61.8022,
20.3809

■ 72.9327, 75.9283,
85.3096

■ 39.7474, 60.3274,
15.6804

■ 80.1448, 79.2583,
103.1732

■ 37.1748, 59.0711,
12.4039

■ 84.7371, 81.5705,
105.8863

■ 35.0486, 58.0174,
10.3881

■ 86.2166, 82.3332,
105.9555

■ 33.3185, 57.1455,
9.4033

■ 33.0062, 56.9873,
9.2601

Harmonies

Analogous

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



62.0388, 67.6655, 38.1385



55.1850, 67.6655, 44.3346



51.0282, 67.6655, 58.7480

Triad

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



55.1850, 67.6655, 44.3346



58.8651, 67.6655, 122.7789



80.7535, 67.6655, 67.2766

Complementary

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



55.1850, 67.6655, 44.3346



49.0194, 42.8809, 76.9311

Split Complementary

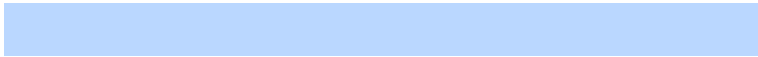
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7263, 67.6655, 90.9406



55.1850, 67.6655, 44.3346



66.6442, 67.6655, 126.3816

Square

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



55.1850, 67.6655, 44.3346



53.0271, 67.6655, 104.7267



74.3981, 67.6655, 113.7411



77.0986, 67.6655, 49.4637

Rectangle

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



55.1850, 67.6655, 44.3346



50.1292, 67.6655, 72.6119



74.3981, 67.6655, 113.7411



80.9501, 67.6655, 74.7509

Sweetspot

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



55.1867, 67.6684, 44.3361



88.1147, 96.7843, 92.3317



56.9899, 57.4476, 42.2682



18.5943, 20.5923, 19.1390



0.0000, 0.0000, 0.0000



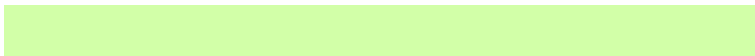
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1867, 67.6684, 44.3361



69.3153, 87.9987, 50.5246



48.4428, 64.1810, 44.5098



14.1465, 15.6557, 14.5830



19.1518, 32.9056, 5.3420



1.4304, 2.3339, 0.3751

Inverse Universe

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



49.0194, 42.8809, 76.9311



59.7575, 49.5900, 101.0300



57.4221, 47.2292, 76.5787



13.6338, 13.5948, 17.2932



12.2624, 5.4168, 41.4476



0.9532, 0.4287, 2.8777

Previews

White Background



This preview shows how the XYZ color 55.1850, 67.6655, 44.3346 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 55.1850, 67.6655, 44.3346 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 55.1850, 67.6655, 44.3346

Background



This preview shows how black text looks on a background with the XYZ color 55.1850, 67.6655, 44.3346.



This preview shows how white text looks on a background with the XYZ color 55.1850, 67.6655,

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



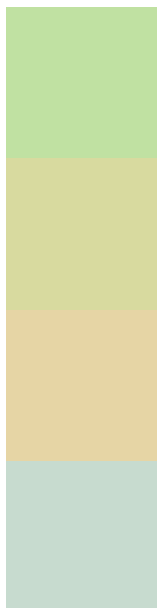
Original Color
55.1850, 67.6655, 44.3346
Protanopia
62.7655, 67.3505, 41.5901
Deuteranopia
68.7379, 67.4050, 45.4640



Tritanopia

63.8924, 67.6914, 86.7891

Trichromacy



Original Color

55.1850, 67.6655, 44.3346

Protanomaly

59.6483, 67.2449, 42.6367

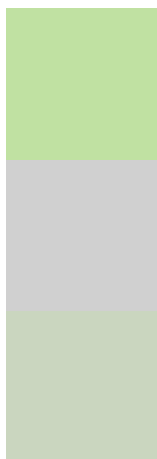
Deuteranomaly

63.2189, 67.1281, 45.2223

Tritanomaly

60.1472, 67.3101, 68.8535

Monochromacy



Original Color

55.1850, 67.6655, 44.3346

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8077, 64.4113, 58.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1850, 67.6655, 44.3346 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(192, 225, 162)` looks like.

```
.text, #text, p{  
    color:rgb(192, 225, 162)  
}
```

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(192, 225, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 225, 162) }
```

Border

The CSS property to change the border of an element to XYZ 55.1850, 67.6655, 44.3346 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(192, 225, 162) }
```


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

```
.border{ border-color:rgb(192, 225, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 225, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 225, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 225, 162);  
box-shadow:4px 4px 4px 4px rgb(192, 225,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1850, 67.6655, 44.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 225, 162) }
```

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

```
.background{ background-color: rgb(192,  
225, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor