

Converting Colors

XYZ(57.6985, 67.4631, 55.4032)

Have a look what the booklet for
XYZ(57.6985, 67.4631, 55.4032)
contains.

XYZ(57.7990, 67.5736, 55.3441)	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(57.7990, 67.5736,
55.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DEB8
RGB	197, 222, 184
RGB Percent	77%, 87%, 72%
CMY	0.2274, 0.1294, 0.2784
CMYK	0.11, 0.00, 0.17, 0.13
HSL	99°, 37%, 80%
HSV	99°, 17%, 87%
XYZ	57.7990, 67.5736, 55.3441
YIQ	210.1930, -2.7020, -17.1180

Conversions

Conversions Part 2

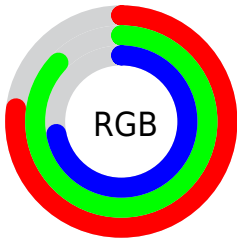
Format	Color
RYB	184, 222, 209
Decimal	12967608
CIELab	85.79, -15.15, 15.89
CIELCh	86, 21.959, 133.638
Yxy	67.5736, 0.3198, 0.3739
Android (android.graphics.Color)	4291157688 (0xFFC5DEB8)
YUV	210.1930, -12.9131, -11.5703
Hunter-Lab	82.2032, -18.3479, 17.6246

Details

The XYZ color **57.7990, 67.5736, 55.3441** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6225, 53.1121, 76.3782**, and the grayscale version is **61.4704, 64.6716, 70.4274**.

A 20% lighter version of the original color is **92.3612, 98.8821, 96.6563**, and **29.2431, 35.1158, 26.7095** is the 20% darker color. If you saturate the color by 10%, you get **52.0113, 64.8400, 43.8640**, and if you desaturate by 10%, it is **64.3263, 70.6502, 68.7680**.

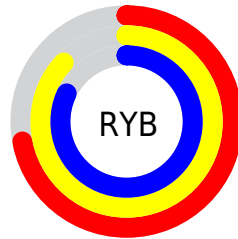
Distribution



Red (77%)

Green (87%)

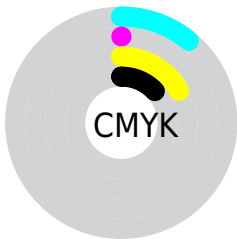
Blue (72%)



Red (72%)

Yellow (87%)

Blue (82%)

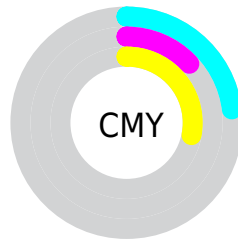


Cyan (11%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (23%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7990, 67.5736, 55.3441 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 57.7990, 67.5736, 55.3441 by changing the saturation by 10% instead.

■ 57.7990, 67.5736,
55.3441

■ 57.7990, 67.5736,
55.3441

406.4025,
451.9838, 424.5336

■ 41.8897, 49.5509,
39.2768

■ 100.7547,
115.7419, 99.5211

■ 29.2057, 35.0567,
26.6657

128.5319,
146.6564, 128.4680

■ 19.3815, 23.7066,
17.0921

160.9958,
182.6369, 162.5451

■ 12.0519, 15.1161,
10.1375

198.5116,
224.0678, 202.1710

■ 6.8515, 8.9009,
5.3834

241.4449,
271.3336, 247.7643

■ 3.4149, 4.6766,
2.4113


290.1609,


■ 1.3768, 2.0588,


324.8185, 299.7435


0.7926


345.0250,
384.9072, 358.5271


 0.2396, 0.6413,
0.0000


 0.0000, 0.0000,
0.0000


 57.7990, 67.5736,
55.3441


 57.7990, 67.5736,
55.3441


 52.0113, 64.8400,
43.8640


 64.3263, 70.6502,
68.7680


 46.9302, 62.4285,
34.2333

 71.6136, 74.0726,
84.2154

 42.5282, 60.3290,
26.3565

 79.6874, 77.8546,
101.7668

 38.7738, 58.5275,
20.1275

 85.4126, 80.7253,
105.6875

■ 35.6327, 57.0090,
15.4290

■ 33.0669, 55.7567,
12.1281

■ 31.0333, 54.7518,
10.0690

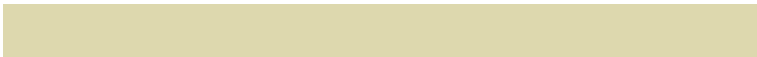
■ 29.4784, 53.9712,
9.0475

■ 29.0982, 53.7792,
8.8468

Harmonies

Analogous

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



61.9796, 67.5736, 49.8683



57.7990, 67.5736, 55.3441



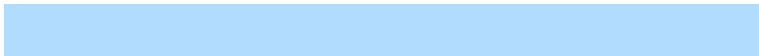
55.4111, 67.5736, 66.0672

Triad

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



57.7990, 67.5736, 55.3441



61.5483, 67.5736, 103.3841



74.0613, 67.5736, 67.2544

Complementary

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



57.7990, 67.5736, 55.3441



56.6225, 53.1121, 76.3782

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.



73.9309, 67.5736, 81.6336



57.7990, 67.5736, 55.3441



66.5274, 67.5736, 103.8109

Square

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



57.7990, 67.5736, 55.3441



57.4974, 67.5736, 94.3283



71.1141, 67.5736, 95.4280



71.4615, 67.5736, 56.1154

Rectangle

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



57.7990, 67.5736, 55.3441



55.0755, 67.5736, 75.3426



71.1141, 67.5736, 95.4280



74.3393, 67.5736, 71.8375

Sweetspot

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



57.8008, 67.5765, 55.3456



90.0454, 97.6494, 98.3037



61.5056, 64.4470, 54.5462



19.1275, 20.8324, 20.7345



0.0000, 0.0000, 0.0000



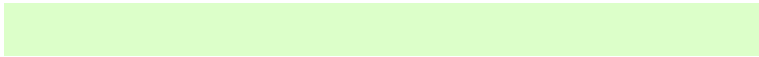
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8008, 67.5765, 55.3456



75.8004, 90.9376, 69.0939



55.1520, 66.1406, 58.4044



13.9686, 15.5640, 14.5747



17.3902, 31.9975, 5.2596



1.2990, 2.2662, 0.3689

Inverse Universe

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



56.6225, 53.1121, 76.3782



73.8610, 67.1534, 103.6767



59.7008, 54.7858, 72.6006



13.8160, 13.6887, 17.3017



15.0028, 6.8296, 41.5759



1.1347, 0.5223, 2.8862

Previews

White Background



This preview shows how the XYZ color 57.7990, 67.5736, 55.3441 looks on a white background.

Color Contrast Check

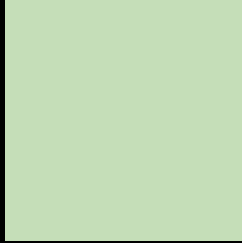
Large Text (above 18pt) WCAG AA × Fail

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 57.7990, 67.5736, 55.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

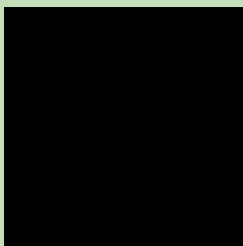
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

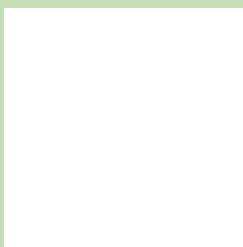
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7990, 67.5736, 55.3441

Background



This preview shows how black text looks on a background with the XYZ color 57.7990, 67.5736, 55.3441.

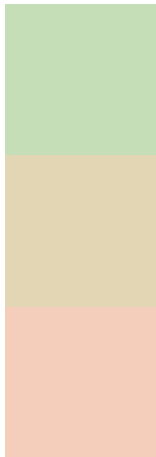


This preview shows how white text looks on a background with the XYZ color 57.7990, 67.5736,

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

57.7990, 67.5736, 55.3441

Protanopia

63.6488, 67.5572, 52.8652

Deuteranopia

68.6971, 67.1429, 56.3529



Tritanopia

64.0428, 67.4062, 85.9792

Trichromacy



Original Color

57.7990, 67.5736, 55.3441

Protanomaly

61.1777, 67.4090, 53.5029

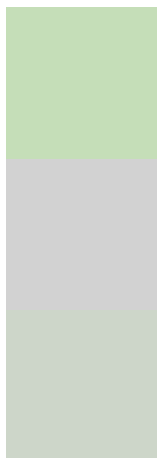
Deuteranomaly

64.4013, 67.1261, 56.0167

Tritanomaly

61.6943, 67.6057, 74.0875

Monochromacy



Original Color

57.7990, 67.5736, 55.3441

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7660, 65.2893, 64.7104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7990, 67.5736, 55.3441 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(197, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 184)  
}
```

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(197, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.7990, 67.5736, 55.3441 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(197, 222, 184) }
```


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

```
.border{ border-color:rgb(197, 222, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7990, 67.5736, 55.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 184) }
```

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

```
.background{ background-color: rgb(197,  
222, 184) }
```

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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