

Converting Colors

XYZ(55.5876, 63.1135, 63.2747)

Have a look what the booklet for
XYZ(55.5876, 63.1135, 63.2747)
contains.

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Color

**XYZ(55.5906, 63.1638,
63.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	BED6C7
RGB	190, 214, 199
RGB Percent	75%, 84%, 78%
CMY	0.2549, 0.1608, 0.2196
CMYK	0.11, 0.00, 0.07, 0.16
HSL	142°, 23%, 79%
HSV	142°, 11%, 84%
XYZ	55.5906, 63.1638, 63.2947
YIQ	205.1140, -9.4890, -9.7530

Conversions

Conversions Part 2

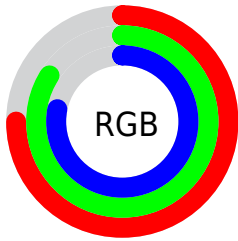
Format	Color
RYB	190, 207, 214
Decimal	12506823
CIELab	83.53, -10.86, 4.68
CIElCh	84, 11.827, 156.666
Yxy	63.1638, 0.3054, 0.3470
Android (android.graphics.Color)	4290696903 (0xFFBED6C7)
YUV	205.1140, -3.0142, -13.2550
Hunter-Lab	79.4757, -14.2275, 8.4142

Details

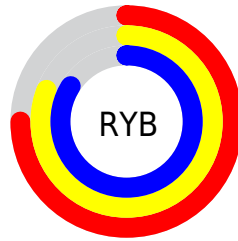
The XYZ color **55.5906, 63.1638, 63.2947** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1668, 55.5325, 65.4665**, and the grayscale version is **58.1252, 61.1523, 66.5948**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.8255, 32.1590, 31.5288** is the 20% darker color. If you saturate the color by 10%, you get **49.1476, 60.0157, 55.2395**, and if you desaturate by 10%, it is **62.9585, 66.7764, 72.1085**.

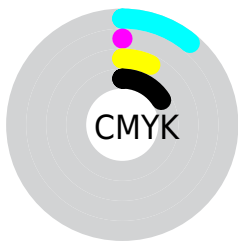
Distribution



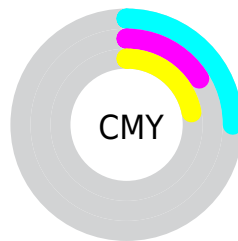
- Red (75%)
- Green (84%)
- Blue (78%)



- Red (75%)
- Yellow (81%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5906, 63.1638, 63.2947 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 55.5906, 63.1638, 63.2947 by changing the saturation by 10% instead.

■ 55.5906, 63.1638,
63.2947

■ 55.5906, 63.1638,
63.2947

398.2469,
436.1637, 454.7756

■ 40.1105, 45.9737,
45.6371

■ 97.5490, 109.4058,
111.1842

■ 27.8093, 32.2251,
31.6130

124.7580,
139.2265, 142.2533

■ 18.3217, 21.5335,
20.8037

156.6074,
174.0262, 178.6299

■ 11.2823, 13.5145,
12.7907

193.4625,
214.1893, 220.7327

■ 6.3257, 7.7838,
7.1556

235.6886,
260.1003, 268.9801

■ 3.0867, 3.9569,
3.4797


283.6512,

■ 1.1998, 1.6495,


312.1434, 323.7906


1.3445


337.7155,
370.7030, 385.5830

 0.1062, 0.3906,
0.0978

 0.0000, 0.0000,
0.0000


 55.5906, 63.1638,
63.2947


 55.5906, 63.1638,
63.2947

 49.1476, 60.0157,
55.2395


 62.9585, 66.7764,
72.1085


 43.5867, 57.3053,
47.9188

 71.2814, 70.8635,
81.6960

 38.8694, 55.0147,
41.3131

 80.5945, 75.4444,
92.0771

 34.9524, 53.1222,
35.4004

 82.9390, 76.4160,
102.8958

■ 31.7880, 51.6037,
30.1578

■ 83.3378, 76.5755,
104.9959

■ 29.3237, 50.4325,
25.5609

■ 27.4993, 49.5781,
21.5838

■ 26.2437, 49.0045,
18.1986

■ 25.5046, 48.6783,
15.6877

Harmonies

Analogous

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



57.1188, 63.1638, 57.9874



55.5906, 63.1638, 63.2947



55.2375, 63.1638, 70.4387

Triad

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



55.5906, 63.1638, 63.2947



60.6136, 63.1638, 83.8874



64.1067, 63.1638, 60.6278

Complementary

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



55.5906, 63.1638, 63.2947



57.1668, 55.5325, 65.4665

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.



65.1032, 63.1638, 67.1370



55.5906, 63.1638, 63.2947



63.0494, 63.1638, 80.8230

Square

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



55.5906, 63.1638, 63.2947



58.0901, 63.1638, 82.6754



64.7108, 63.1638, 74.5621



62.0235, 63.1638, 56.5265

Rectangle

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



55.5906, 63.1638, 63.2947



55.7066, 63.1638, 75.3560



64.7108, 63.1638, 74.5621



64.5826, 63.1638, 62.5881

Sweetspot

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



55.5924, 63.1665, 63.2961



91.5309, 98.2737, 104.7666



58.5752, 64.8214, 58.1407



19.3948, 20.9382, 22.1917



0.0000, 0.0000, 0.0000



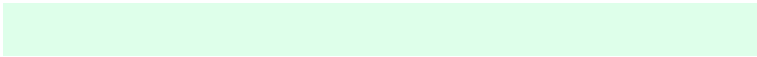
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5924, 63.1665, 63.2961



80.7298, 92.9825, 91.7451



57.0167, 63.7362, 70.7967



12.4531, 13.9722, 14.2004



15.4617, 29.4400, 9.7270



0.9721, 1.7915, 0.7948

Inverse Universe

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



57.1668, 55.5325, 65.4665



83.4343, 79.8680, 95.4729



55.7949, 54.9838, 58.2426



12.7464, 12.5501, 14.6048



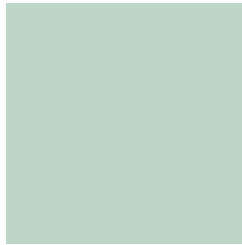
19.4047, 9.6982, 14.7013



1.2099, 0.6008, 1.0949

Previews

White Background



This preview shows how the XYZ color 55.5906, 63.1638, 63.2947 looks on a white background.

Color Contrast Check

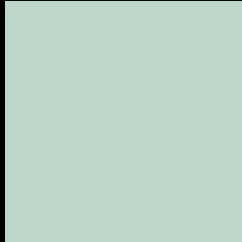
Large Text (above 18pt) WCAG AA × Fail

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 55.5906, 63.1638, 63.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

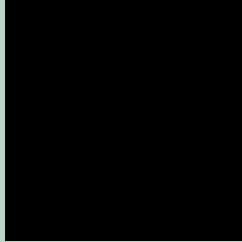
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

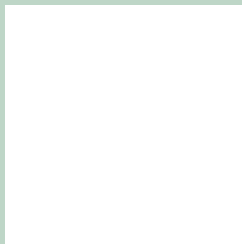
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5906, 63.1638, 63.2947

Background



This preview shows how black text looks on a background with the XYZ color 55.5906, 63.1638, 63.2947.



This preview shows how white text looks on a background with the XYZ color 55.5906, 63.1638,

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

55.5906, 63.1638, 63.2947

Protanopia

60.1875, 63.0129, 60.6202

Deuteranopia

64.1804, 62.8606, 64.6277



Tritanopia

59.4174, 63.2413, 81.7482

Trichromacy



Original Color

55.5906, 63.1638, 63.2947

Protanomaly

58.4640, 63.2005, 61.3421

Deuteranomaly

60.6383, 62.8067, 64.1853

Tritanomaly

57.8110, 62.9357, 74.7465

Monochromacy



Original Color

55.5906, 63.1638, 63.2947

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1548, 61.7029, 65.3974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5906, 63.1638, 63.2947 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(190, 214, 199)` looks like.

```
.text, #text, p{  
    color:rgb(190, 214, 199)  
}
```

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(190, 214, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 214, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.5906, 63.1638, 63.2947 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(190, 214, 199) }
```


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

```
.border{ border-color:rgb(190, 214, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 214, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 214, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 214, 199);  
box-shadow:4px 4px 4px 4px rgb(190, 214,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5906, 63.1638, 63.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 214, 199) }
```

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

```
.background{ background-color: rgb(190,  
214, 199) }
```

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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