

Converting Colors

XYZ(55.4138, 61.8060, 56.8908)

Have a look what the booklet for
XYZ(55.4138, 61.8060, 56.8908)
contains.

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Color

**XYZ(55.5206, 61.7731,
57.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D2BD
RGB	198, 210, 189
RGB Percent	78%, 82%, 74%
CMY	0.2235, 0.1765, 0.2588
CMYK	0.06, 0.00, 0.10, 0.18
HSL	94°, 19%, 78%
HSV	94°, 10%, 82%
XYZ	55.5206, 61.7731, 57.1413
YIQ	204.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

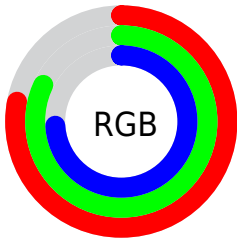
Format	Color
RYB	189, 210, 201
Decimal	13030077
CIELab	82.79, -7.86, 9.01
CIElCh	83, 11.959, 131.112
Yxy	61.7731, 0.3183, 0.3541
Android (android.graphics.Color)	4291220157 (0xFFC6D2BD)
YUV	204.0180, -7.4039, -5.2778
Hunter-Lab	78.5959, -11.4493, 11.9117

Details

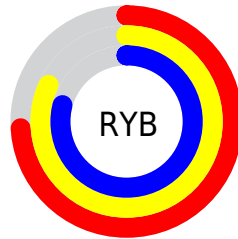
The XYZ color **55.5206, 61.7731, 57.1413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9204, 53.4676, 68.4544**, and the grayscale version is **57.4528, 60.4449, 65.8245**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **27.8340, 31.4838, 27.9025** is the 20% darker color. If you saturate the color by 10%, you get **50.3652, 59.3618, 45.8498**, and if you desaturate by 10%, it is **61.2603, 64.4511, 70.1857**.

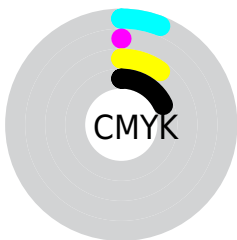
Distribution



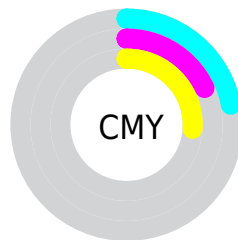
- Red (78%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5206, 61.7731, 57.1413 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 55.5206, 61.7731, 57.1413 by changing the saturation by 10% instead.

■ 55.5206, 61.7731,
57.1413

■ 55.5206, 61.7731,
57.1413

397.9867,
431.1030, 431.4871

■ 40.0542, 44.8494,
40.7086

■ 97.4472, 107.3975,
102.1737

■ 27.7652, 31.3388,
27.7735

124.6380,
136.8670, 131.6105

■ 18.2883, 20.8570,
17.9174

156.4678,
171.2873, 166.2190

■ 11.2581, 13.0195,
10.7219

193.3017,
211.0426, 206.4179

■ 6.3093, 7.4420,
5.7683

235.5052,
256.5174, 252.6256

■ 3.0765, 3.7400,
2.6382

283.4436,

■ 1.1943, 1.5292,

308.0962, 305.2607

0.9121

337.4824,
366.1632, 364.7417

■ 0.1019, 0.3092,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5206, 61.7731,
57.1413

■ 55.5206, 61.7731,
57.1413

■ 50.3652, 59.3618,
45.8498

■ 61.2603, 64.4511,
70.1857

■ 45.7691, 57.2005,
36.2326

■ 67.5980, 67.3958,
85.0492

■ 41.7128, 55.2828,
28.2109

■ 74.5534, 70.6180,
101.7993

■ 38.1737, 53.5988,
21.6981

■ 79.1076, 72.9104,
104.5114

■ 35.1275, 52.1381,
16.5996

■ 82.3378, 74.5757,
104.6626

■ 32.5472, 50.8891,
12.8096

■ 30.4031, 49.8392,
10.2078

■ 28.6606, 48.9735,
8.6516

■ 27.2624, 48.2684,
7.8799

Harmonies

Analogous

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



57.7653, 61.7731, 54.2948



55.5206, 61.7731, 57.1413



54.1564, 61.7731, 62.7777

Triad

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



55.5206, 61.7731, 57.1413



57.1266, 61.7731, 81.5745



63.7024, 61.7731, 64.5669

Complementary

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



55.5206, 61.7731, 57.1413



53.9204, 53.4676, 68.4544

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.



63.5192, 61.7731, 71.9516



55.5206, 61.7731, 57.1413



59.6720, 61.7731, 82.1414

Square

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



55.5206, 61.7731, 57.1413



55.0648, 61.7731, 77.0122



62.0265, 61.7731, 78.5087



62.5199, 61.7731, 58.3687

Rectangle

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



55.5206, 61.7731, 57.1413



53.9053, 61.7731, 67.5356



62.0265, 61.7731, 78.5087



63.7994, 61.7731, 66.9860

Sweetspot

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



55.5223, 61.7758, 57.1426



92.2523, 98.6972, 102.4674



56.6294, 59.1049, 56.5688



19.5888, 21.0521, 21.5736



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.



55.5223, 61.7758, 57.1426



84.3649, 95.0162, 84.6992



53.3728, 60.6500, 57.8394



12.1297, 13.4503, 12.5689



16.7389, 29.4982, 4.8115



1.0259, 1.6957, 0.2732

Inverse Universe

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



53.9204, 53.4676, 68.4544



81.3931, 79.6041, 105.6830



56.2375, 54.6822, 67.6561



11.8012, 11.7463, 14.8889



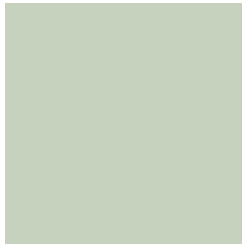
11.9396, 5.3354, 37.5930



0.7574, 0.3446, 2.1062

Previews

White Background



This preview shows how the XYZ color 55.5206, 61.7731, 57.1413 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 55.5206, 61.7731, 57.1413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

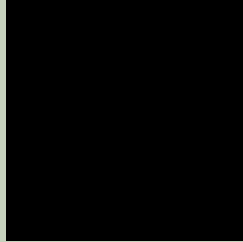
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5206, 61.7731, 57.1413

Background



This preview shows how black text looks on a background with the XYZ color 55.5206, 61.7731, 57.1413.



This preview shows how white text looks on a background with the XYZ color 55.5206, 61.7731,

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

55.5206, 61.7731, 57.1413

Protanopia

58.4258, 61.5040, 55.2465

Deuteranopia

62.7824, 61.5974, 57.8707



Tritanopia

59.6447, 61.6331, 77.8600

Trichromacy



Original Color

55.5206, 61.7731, 57.1413

Protanomaly

57.2949, 61.6234, 55.8885

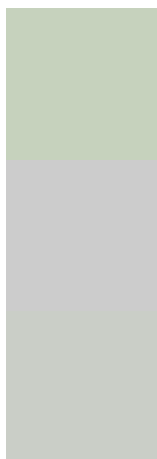
Deuteranomaly

59.8636, 61.4896, 57.4287

Tritanomaly

58.0331, 61.6963, 69.8227

Monochromacy



Original Color

55.5206, 61.7731, 57.1413

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7372, 60.8227, 62.7824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5206, 61.7731, 57.1413 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(198, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 189)  
}
```

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(198, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.5206, 61.7731, 57.1413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

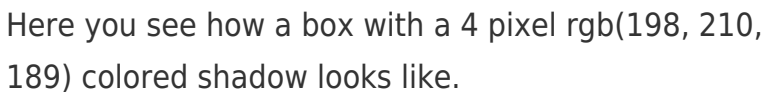
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 210, 189) }
```


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

```
.border{ border-color:rgb(198, 210, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 210, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 210, 189); box-shadow:4px 4px 4px 4px rgb(198, 210, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5206, 61.7731, 57.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 189) }
```

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

```
.background{ background-color: rgb(198,  
210, 189) }
```

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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