

Converting Colors

XYZ(61.4422, 70.2896, 55.6167)

Have a look what the booklet for
XYZ(61.4422, 70.2896, 55.6167)
contains.

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Color

**XYZ(61.3198, 70.1819,
55.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E0B8
RGB	208, 224, 184
RGB Percent	82%, 88%, 72%
CMY	0.1843, 0.1215, 0.2784
CMYK	0.07, 0.00, 0.18, 0.12
HSL	84°, 39%, 80%
HSV	84°, 18%, 88%
XYZ	61.3198, 70.1819, 55.6620
YIQ	214.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

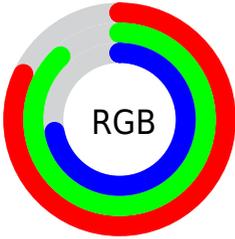
Format	Color
RYB	184, 224, 200
Decimal	13689016
CIELab	87.09, -12.30, 17.82
CIElCh	87, 21.648, 124.611
Yxy	70.1819, 0.3276, 0.3750
Android (android.graphics.Color)	4291879096 (0xFFD0E0B8)
YUV	214.6560, -15.1134, -5.8373
Hunter-Lab	83.7746, -15.9505, 19.2485

Details

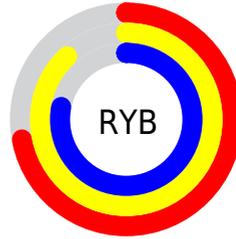
The XYZ color **61.3198, 70.1819, 55.6620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4173, 51.9441, 77.6829**, and the grayscale version is **64.4577, 67.8145, 73.8500**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.4216, 36.7869, 26.9172** is the 20% darker color. If you saturate the color by 10%, you get **56.7068, 68.0561, 44.1443**, and if you desaturate by 10%, it is **66.4508, 72.5360, 69.1477**.

Distribution



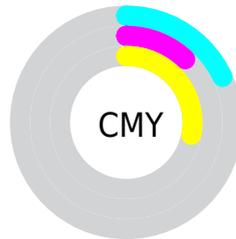
- Red (82%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3198, 70.1819, 55.6620 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 61.3198, 70.1819, 55.6620 by changing the saturation by 10% instead.

 61.3198, 70.1819,
55.6620

 61.3198, 70.1819,
55.6620

419.2028,
461.1884, 425.7689

 44.7368, 51.6748,
39.5298

 105.8373,
119.4681, 99.9911

 31.4506, 36.7460,
26.8611

134.5026,
151.0161, 129.0250

 21.0957, 25.0109,
17.2375

167.9260,
187.6798, 163.1967

 13.3068, 16.0851,
10.2402

206.4730,
229.8436, 202.9245

 7.7186, 9.5844,
5.4508

250.5088,
277.8920, 248.6272

 3.9657, 5.1243,
2.4508

300.3987,

 1.6828, 2.3204,

332.2094, 300.7231

0.8139

356.5083,
393.1800, 359.6308

0.4454, 0.7845,
0.0000

0.0000, 0.0000,
0.0000

61.3198, 70.1819,
55.6620

61.3198, 70.1819,
55.6620

56.7068, 68.0561,
44.1443

66.4508, 72.5360,
69.1477

52.5864, 66.1412,
34.4980

72.1129, 75.1169,
84.6829

48.9392, 64.4315,
26.6253

78.3254, 77.9350,
102.3499

45.7423, 62.9175,
20.4174

81.9629, 79.7402,
105.6792

■ 42.9701, 61.5887,
15.7538

■ 85.1462, 81.3813,
105.8282

■ 40.5942, 60.4335,
12.4977

■ 85.9471, 81.7942,
105.8657

■ 38.5814, 59.4382,
10.4883

■ 36.8863, 58.5845,
9.5016

■ 36.5502, 58.4142,
9.3487

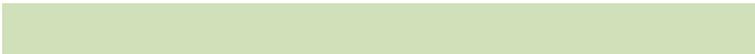
Harmonies

Analogous

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



65.9251, 70.1819, 51.8264



61.3198, 70.1819, 55.6620



58.2798, 70.1819, 65.0584

Triad

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



61.3198, 70.1819, 55.6620



62.6122, 70.1819, 104.5192



76.9035, 70.1819, 74.1934

Complementary

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



61.3198, 70.1819, 55.6620



54.4173, 51.9441, 77.6829

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.



75.9072, 70.1819, 89.0243



61.3198, 70.1819, 55.6620



67.4926, 70.1819, 107.7638

Square

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



61.3198, 70.1819, 55.6620



58.9990, 70.1819, 93.3986



72.3983, 70.1819, 101.7777



75.0561, 70.1819, 61.6282

Rectangle

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



61.3198, 70.1819, 55.6620



57.4624, 70.1819, 73.8236



72.3983, 70.1819, 101.7777



76.8908, 70.1819, 79.0687

Sweetspot

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



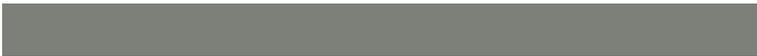
61.3217, 70.1850, 55.6635



91.2127, 98.2512, 98.3583



60.0491, 60.6190, 53.8842



19.4110, 20.9785, 20.7478



0.0000, 0.0000, 0.0000



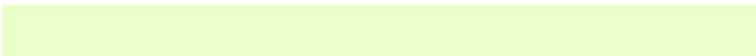
20.3446, 21.4041, 23.3091

Same Dimension

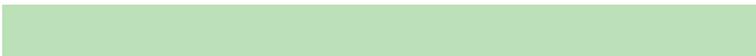
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3217, 70.1850, 55.6635



80.1482, 93.1790, 69.2974



56.0486, 67.4666, 55.4167



14.3135, 15.7418, 14.5908



21.4068, 34.0681, 5.4475



1.5840, 2.4131, 0.3823

Inverse Universe

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



54.4173, 51.9441, 77.6829



69.4344, 64.8714, 103.4696



60.1129, 54.8803, 77.9495



13.4685, 13.5095, 17.2854



10.3858, 4.4494, 41.3598



0.8189, 0.3595, 2.8715

Previews

White Background



This preview shows how the XYZ color 61.3198, 70.1819, 55.6620 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 61.3198, 70.1819, 55.6620 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

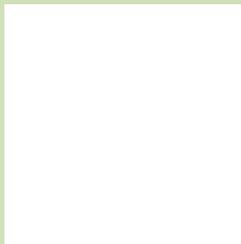
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3198, 70.1819, 55.6620

Background



This preview shows how black text looks on a background with the XYZ color 61.3198, 70.1819, 55.6620.



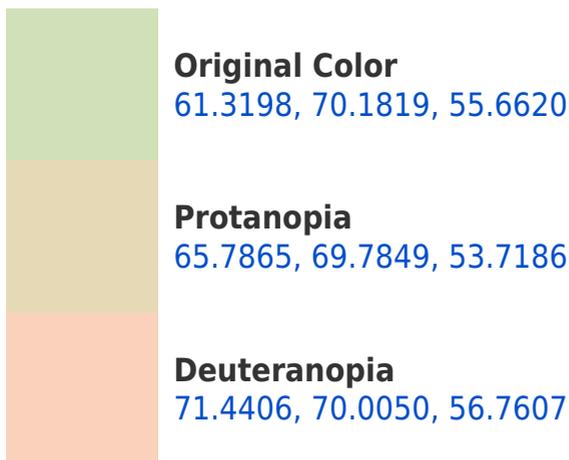
This preview shows how white text looks on a background with the XYZ color 61.3198, 70.1819, 55.6620.

55.6620.

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

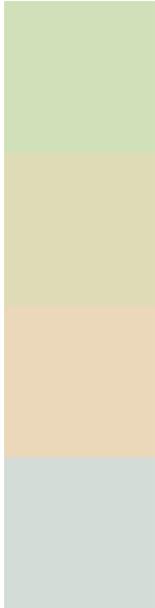




Tritanopia

67.6885, 70.0133, 87.7883

Trichromacy



Original Color

61.3198, 70.1819, 55.6620

Protanomaly

64.1609, 70.0934, 54.4037

Deuteranomaly

67.4243, 69.8082, 56.3751

Tritanomaly

65.1392, 70.1413, 75.0712

Monochromacy



Original Color

61.3198, 70.1819, 55.6620

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1219, 68.4995, 67.0216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3198, 70.1819, 55.6620 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(208, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 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(208, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.3198, 70.1819, 55.6620 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(208, 224, 184) }
```

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

```
.border{ border-color:rgb(208, 224, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 224, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 224, 184); box-shadow:4px 4px 4px 4px rgb(208, 224, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3198, 70.1819, 55.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 184) }
```

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

```
.background{ background-color: rgb(208,  
224, 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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