

Converting Colors

XYZ(61.3242, 70.1933, 55.3409)

Have a look what the booklet for
XYZ(61.3242, 70.1933, 55.3409)
contains.

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Color

**XYZ(61.2153, 70.1401,
55.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E0B7
RGB	208, 224, 183
RGB Percent	82%, 88%, 72%
CMY	0.1843, 0.1215, 0.2823
CMYK	0.07, 0.00, 0.18, 0.12
HSL	83°, 40%, 80%
HSV	83°, 18%, 88%
XYZ	61.2153, 70.1401, 55.1117
YIQ	214.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

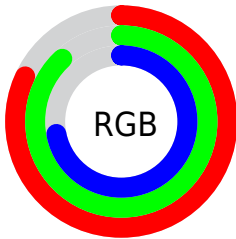
Format	Color
R _{YB}	183, 224, 199
Decimal	13689015
CIE Lab	87.07, -12.45, 18.31
CIE LCh	87, 22.144, 124.221
Yxy	70.1401, 0.3283, 0.3762
Android (android.graphics.Color)	4291879095 (0xFFD0E0B7)
YUV	214.5420, -15.5502, -5.7373
Hunter-Lab	83.7497, -16.0906, 19.6088

Details

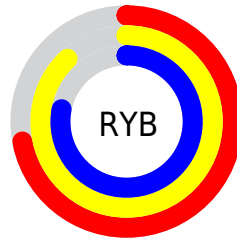
The XYZ color **61.2153, 70.1401, 55.1117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9440, 51.3928, 77.6014**, and the grayscale version is **64.3833, 67.7362, 73.7648**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **31.3541, 36.7599, 26.5619** is the 20% darker color. If you saturate the color by 10%, you get **56.6765, 68.0507, 43.6821**, and if you desaturate by 10%, it is **66.2645, 72.4540, 68.5051**.

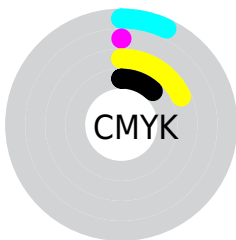
Distribution



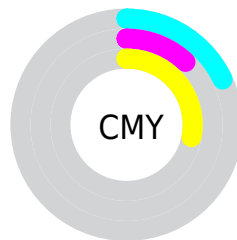
- Red (82%)
- Green (88%)
- Blue (72%)



- 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 61.2153, 70.1401, 55.1117 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 61.2153, 70.1401, 55.1117 by changing the saturation by 10% instead.

 61.2153, 70.1401,
55.1117

 61.2153, 70.1401,
55.1117


418.8263,
461.0418, 423.6291

 44.6521, 51.6408,
39.0920


 105.6870,
119.4085, 99.1774

 31.3836, 36.7188,
26.5229


134.3262,
150.9464, 128.0604

 21.0444, 24.9899,
16.9860


167.7215,
187.5992, 162.0683

 13.2691, 16.0695,
10.0626

206.2382,
229.7514, 201.6195

 7.6924, 9.5733,
5.3344

250.2416,
277.7874, 247.1327

 3.9489, 5.1170,
2.3826


300.0972,

 1.6733, 2.3161,


332.0915, 299.0263


0.7769


356.1703,
393.0482, 357.7189


 0.4394, 0.7822,
0.0000


 0.0000, 0.0000,
0.0000


 61.2153, 70.1401,
55.1117


 61.2153, 70.1401,
55.1117


 56.6765, 68.0507,
43.6821


 66.2645, 72.4540,
68.5051


 52.6229, 66.1684,
34.1193

 71.8369, 74.9907,
83.9438

 49.0351, 64.4877,
26.3251

 77.9519, 77.7606,
101.5106

 45.8902, 62.9989,
20.1903

 81.6604, 79.5843,
105.6651

■ 43.1629, 61.6918,
15.5939

■ 84.7498, 81.1770,
105.8097

■ 40.8245, 60.5547,
12.3981

■ 85.9471, 81.7942,
105.8657

■ 38.8420, 59.5739,
10.4407

■ 37.1680, 58.7303,
9.4862

■ 36.9035, 58.5964,
9.3652

Harmonies

Analogous

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



65.9350, 70.1401, 51.2893



61.2153, 70.1401, 55.1117



58.0860, 70.1401, 64.6145

Triad

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



61.2153, 70.1401, 55.1117



62.4238, 70.1401, 105.0728



77.1106, 70.1401, 74.2885

Complementary

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



61.2153, 70.1401, 55.1117



53.9440, 51.3928, 77.6014

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.



76.0520, 70.1401, 89.4726



61.2153, 70.1401, 55.1117



67.4025, 70.1401, 108.5292

Square

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



61.2153, 70.1401, 55.1117



58.7579, 70.1401, 93.5787



72.4311, 70.1401, 102.4948



75.2537, 70.1401, 61.4131

Rectangle

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



61.2153, 70.1401, 55.1117



57.2314, 70.1401, 73.5316



72.4311, 70.1401, 102.4948



77.0845, 70.1401, 79.2818

Sweetspot

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



61.2172, 70.1432, 55.1132



91.2573, 98.2742, 98.3604



59.6486, 59.9851, 53.2352



19.4218, 20.9841, 20.7483



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.



61.2172, 70.1432, 55.1132



79.6951, 92.9799, 67.7185



55.8908, 67.3973, 54.8639



14.3268, 15.7486, 14.5915



21.6118, 34.1738, 5.4571



1.5975, 2.4200, 0.3829

Inverse Universe

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



53.9440, 51.3928, 77.6014



68.2074, 63.3612, 103.2427



59.6693, 54.3443, 77.8694



13.4555, 13.5029, 17.2848



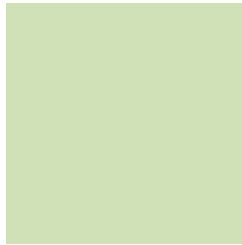
10.2629, 4.3860, 41.3540



0.8097, 0.3547, 2.8710

Previews

White Background



This preview shows how the XYZ color 61.2153, 70.1401, 55.1117 looks on a white background.

Color Contrast Check

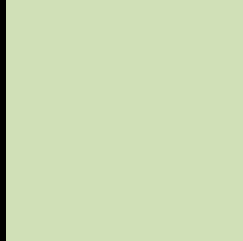
Large Text (above 18pt) WCAG AA × Fail

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 61.2153, 70.1401, 55.1117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

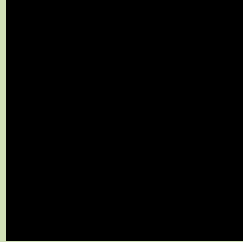
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

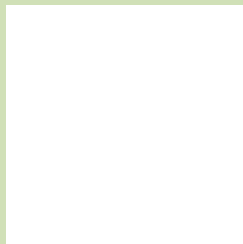
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2153, 70.1401, 55.1117

Background



This preview shows how black text looks on a background with the XYZ color 61.2153, 70.1401, 55.1117.



This preview shows how white text looks on a background with the XYZ color 61.2153, 70.1401,

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

61.2153, 70.1401, 55.1117

Protanopia

65.6842, 69.7440, 53.1800

Deuteranopia

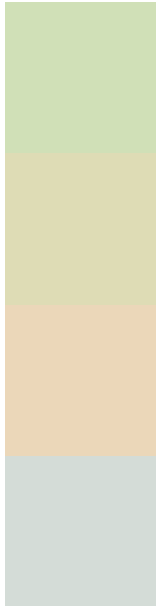
71.3339, 69.9624, 56.1988



Tritanopia

67.6885, 70.0133, 87.7883

Trichromacy



Original Color

61.2153, 70.1401, 55.1117

Protanomaly

64.0579, 70.0522, 53.8613

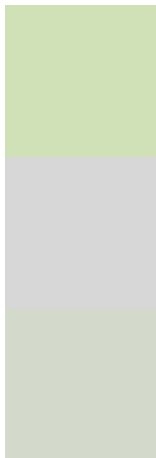
Deuteranomaly

67.3183, 69.7658, 55.8170

Tritanomaly

65.0103, 70.0897, 74.3922

Monochromacy



Original Color

61.2153, 70.1401, 55.1117

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.0023, 68.4517, 66.3918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2153, 70.1401, 55.1117 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.2153, 70.1401, 55.1117 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, 183) }
```


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

```
.border{ border-color:rgb(208, 224, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 183);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2153, 70.1401, 55.1117 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, 183) }
```

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

```
.background{ background-color: rgb(208,  
224, 183) }
```

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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