

Converting Colors

XYZ(61.7909, 70.2289, 55.9087)

Have a look what the booklet for
XYZ(61.7909, 70.2289, 55.9087)
contains.

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Color

**XYZ(61.8857, 70.4736,
55.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E0B8
RGB	210, 224, 184
RGB Percent	82%, 88%, 72%
CMY	0.1765, 0.1215, 0.2784
CMYK	0.06, 0.00, 0.18, 0.12
HSL	81°, 39%, 80%
HSV	81°, 18%, 88%
XYZ	61.8857, 70.4736, 55.6884
YIQ	215.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

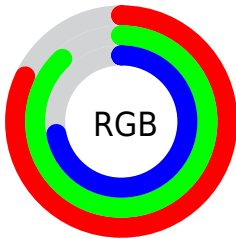
Format	Color
RYB	184, 224, 198
Decimal	13820088
CIELab	87.23, -11.59, 18.04
CIELCh	87, 21.438, 122.713
Yxy	70.4736, 0.3291, 0.3748
Android (android.graphics.Color)	4292010168 (0xFFD2E0B8)
YUV	215.2540, -15.4082, -4.6078
Hunter-Lab	83.9486, -15.3223, 19.4332

Details

The XYZ color **61.8857, 70.4736, 55.6884** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.8865, 51.6704, 77.6580**, and the grayscale version is **64.8640, 68.2420, 74.3155**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.8023, 36.9832, 26.9350** is the 20% darker color. If you saturate the color by 10%, you get **57.5434, 68.4874, 44.1834**, and if you desaturate by 10%, it is **66.7131, 72.6712, 69.1599**.

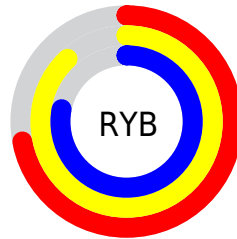
Distribution



Red (82%)

Green (88%)

Blue (72%)



Red (72%)

Yellow (88%)

Blue (78%)

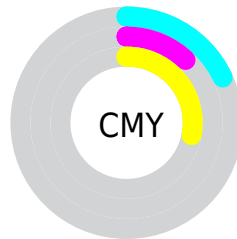


Cyan (6%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (18%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8857, 70.4736, 55.6884 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 61.8857, 70.4736, 55.6884 by changing the saturation by 10% instead.


 61.8857, 70.4736,
55.6884

 61.8857, 70.4736,
55.6884

421.2382,
462.2112, 425.8714

 45.1956, 51.9127,
39.5508


 106.6512,
119.8839, 100.0301

 31.8135, 36.9355,
26.8774

135.4573,
151.5021, 129.0713

 21.3739, 25.1576,
17.2495


169.0328,
188.2416, 163.2508

 13.5116, 16.1945,
10.2487

207.7430,
230.4866, 202.9871

 7.8612, 9.6619,
5.4564

251.9533,
278.6217, 248.6988

 4.0573, 5.1754,
2.4541

302.0290,

 1.7346, 2.3505,

333.0313, 300.8043

0.8157

358.3355,
394.0996, 359.7224

■ 0.4778, 0.8003,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8857, 70.4736,
55.6884

■ 61.8857, 70.4736,
55.6884

■ 57.5434, 68.4874,
44.1834

■ 66.7131, 72.6712,
69.1599

■ 53.6615, 66.6954,
34.5483

■ 72.0377, 75.0781,
84.6792

■ 50.2215, 65.0925,
26.6853

■ 77.8783, 77.7045,
102.3288

■ 47.2011, 63.6695,
20.4856

■ 81.1087, 79.2999,
105.6393

■ 44.5758, 62.4165,
15.8289

■ 83.8492, 80.7126,
105.7675

■ 42.3180, 61.3221,
12.5784

■ 85.9471, 81.7941,
105.8657

■ 40.3953, 60.3733,
10.5731

■ 38.7635, 59.5522,
9.5894

■ 38.4376, 59.3872,
9.4370

Harmonies

Analogous

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



66.5258, 70.4736, 52.2356



61.8857, 70.4736, 55.6884



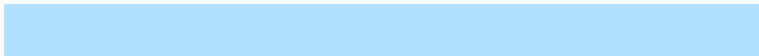
58.7418, 70.4736, 64.7111

Triad

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



61.8857, 70.4736, 55.6884



62.6418, 70.4736, 104.1083



77.1269, 70.4736, 75.4286

Complementary

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



61.8857, 70.4736, 55.6884



53.8865, 51.6704, 77.6580

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.



75.9612, 70.4736, 90.1603



61.8857, 70.4736, 55.6884



67.4424, 70.4736, 107.8967

Square

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



61.8857, 70.4736, 55.6884



59.1627, 70.4736, 92.7156



72.3529, 70.4736, 102.5079



75.4639, 70.4736, 62.7029

Rectangle

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



61.8857, 70.4736, 55.6884



57.8311, 70.4736, 73.2704



72.3529, 70.4736, 102.5079



77.0529, 70.4736, 80.3046

Sweetspot

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



61.8876, 70.4767, 55.6899



91.4415, 98.3691, 98.3691



59.5888, 59.6984, 53.7307



19.4666, 21.0072, 20.7504



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.



61.8876, 70.4767, 55.6899



81.0318, 93.6345, 69.3387



56.5448, 67.7224, 55.4399



14.3817, 15.7770, 14.5940



22.5010, 34.6322, 5.4988



1.6554, 2.4499, 0.3856

Inverse Universe

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



53.8865, 51.6704, 77.6580



68.6165, 64.4498, 103.4313



59.5110, 54.5700, 77.9213



13.4024, 13.4755, 17.2823



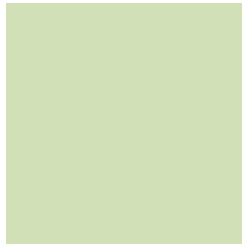
9.7929, 4.1438, 41.3320



0.7733, 0.3360, 2.8693

Previews

White Background



This preview shows how the XYZ color 61.8857, 70.4736, 55.6884 looks on a white background.

Color Contrast Check

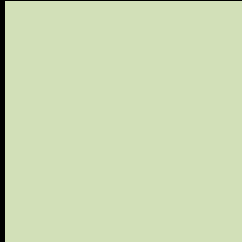
Large Text (above 18pt) WCAG AA × Fail

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 61.8857, 70.4736, 55.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

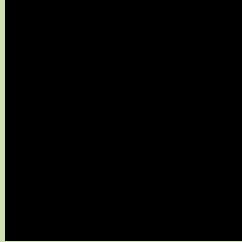
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

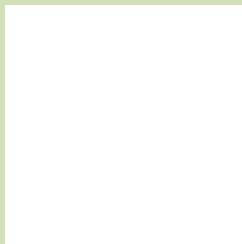
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8857, 70.4736, 55.6884

Background



This preview shows how black text looks on a background with the XYZ color 61.8857, 70.4736, 55.6884.



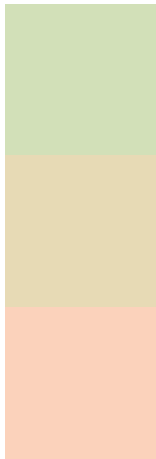
This preview shows how white text looks on a background with the XYZ color 61.8857, 70.4736,

55.6884.

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

61.8857, 70.4736, 55.6884

Protanopia

66.3669, 70.4679, 53.8198

Deuteranopia

71.7999, 70.1903, 56.7775



Tritanopia

68.2794, 70.3179, 87.8159

Trichromacy



Original Color

61.8857, 70.4736, 55.6884

Protanomaly

64.4681, 70.2518, 54.4181

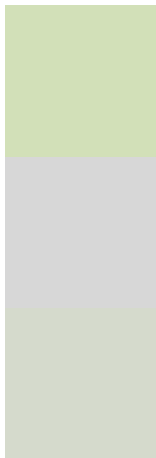
Deuteranomaly

67.7554, 69.9789, 56.3906

Tritanomaly

65.7194, 70.4404, 75.0983

Monochromacy



Original Color

61.8857, 70.4736, 55.6884

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4111, 68.6486, 67.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8857, 70.4736, 55.6884 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(210, 224, 184) looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.8857, 70.4736, 55.6884 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(210, 224, 184) }
```


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

```
.border{ border-color:rgb(210, 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(210, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8857, 70.4736, 55.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 184) }
```

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

```
.background{ background-color: rgb(210,  
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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