

Converting Colors

XYZ(60.3170, 69.3401, 62.8255)

Have a look what the booklet for
XYZ(60.3170, 69.3401, 62.8255)
contains.

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Color

**XYZ(60.5531, 69.6219,
63.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E0C5
RGB	200, 224, 197
RGB Percent	78%, 88%, 77%
CMY	0.2157, 0.1215, 0.2274
CMYK	0.11, 0.00, 0.12, 0.12
HSL	113°, 30%, 83%
HSV	113°, 12%, 88%
XYZ	60.5531, 69.6219, 63.0702
YIQ	213.7460, -5.6370, -13.4850

Conversions

Conversions Part 2

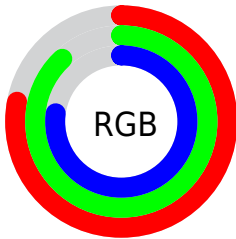
Format	Color
RYB	197, 224, 221
Decimal	13164741
CIELab	86.81, -12.92, 10.54
CIELCh	87, 16.674, 140.787
Yxy	69.6219, 0.3133, 0.3603
Android (android.graphics.Color)	4291354821 (0xFFC8E0C5)
YUV	213.7460, -8.2558, -12.0552
Hunter-Lab	83.4397, -16.4802, 13.5919

Details

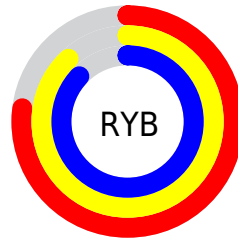
The XYZ color **60.5531, 69.6219, 63.0702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63.2424, 60.6884, 78.9055**, and the grayscale version is **63.8038, 67.1266, 73.1008**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.0000, 36.4701, 31.3922** is the 20% darker color. If you saturate the color by 10%, you get **53.1988, 66.1075, 50.3085**, and if you desaturate by 10%, it is **68.9853, 73.6519, 77.8761**.

Distribution



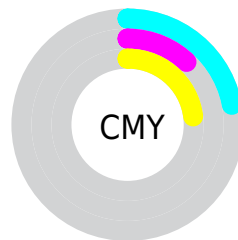
- Red (78%)
- Green (88%)
- Blue (77%)



- Red (77%)
- Yellow (88%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5531, 69.6219, 63.0702 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 60.5531, 69.6219, 63.0702 by changing the saturation by 10% instead.

60.5531, 69.6219,
63.0702

60.5531, 69.6219,
63.0702

416.4356,
459.2213, 453.9392

44.1158, 51.2184,
45.4566

104.7334,
118.6694, 110.8573

30.9598, 36.3824,
31.4717

133.2070,
150.0821, 141.8680

20.7199, 24.7297,
20.6968

166.4235,
186.6001, 178.1814

13.0307, 15.8758,
12.7135

204.7482,
228.6076, 220.2162

7.5269, 9.4363,
7.1032

248.5463,
276.4891, 268.3908

3.8430, 5.0268,
3.4473

298.1834,

1.6137, 2.2630,

330.6289, 323.1238

1.3273

354.0247,
391.4115, 384.8337

■ 0.4013, 0.7540,
0.0840

■ 0.0000, 0.0000,
0.0000

■ 60.5531, 69.6219,
63.0702

■ 60.5531, 69.6219,
63.0702

■ 53.1988, 66.1075,
50.3085

■ 68.9853, 73.6519,
77.8761

■ 46.8735, 63.0794,
39.4971

■ 78.5305, 78.2078,
94.8058

■ 41.5327, 60.5188,
30.5411

■ 85.9470, 81.7941,
105.8657

■ 37.1266, 58.4023,
23.3364

■ 33.6010, 56.7044,
17.7682

■ 30.8960, 55.3970,
13.7083

■ 28.9442, 54.4485,
11.0093

■ 27.6672, 53.8224,
9.4942

■ 27.0550, 53.5192,
8.9043

Harmonies

Analogous

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



63.5578, 69.6219, 57.5136



60.5531, 69.6219, 63.0702



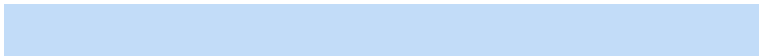
59.0707, 69.6219, 72.4326

Triad

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



60.5531, 69.6219, 63.0702



64.9848, 69.6219, 98.9445



73.4055, 69.6219, 68.4650

Complementary

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



60.5531, 69.6219, 63.0702



63.2424, 60.6884, 78.9055

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.



73.8241, 69.6219, 79.2834



60.5531, 69.6219, 63.0702



68.8600, 69.6219, 97.6170

Square

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



60.5531, 69.6219, 63.0702



61.5626, 69.6219, 93.6188



72.1314, 69.6219, 90.1512



71.0091, 69.6219, 60.4101

Rectangle

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



60.5531, 69.6219, 63.0702



59.1037, 69.6219, 79.8811



72.1314, 69.6219, 90.1512



73.7858, 69.6219, 71.8727

Sweetspot

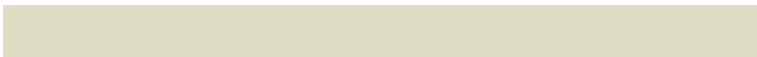
The Sweet Spot groups the original color and five complimentary colors.



60.5550, 69.6249, 63.0717



90.1934, 97.6811, 100.3268



66.6384, 71.5156, 63.1160



19.1154, 20.8172, 21.1400



0.0000, 0.0000, 0.0000



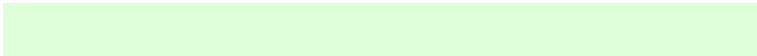
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5550, 69.6249, 63.0717



79.0990, 92.3805, 80.8873



60.9892, 69.7069, 69.4983



13.6694, 15.4097, 14.5607



15.7948, 31.1750, 5.1849



1.1428, 2.1856, 0.3616

Inverse Universe

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



63.2424, 60.6884, 78.9055



83.2560, 78.5554, 105.3824



62.8021, 60.6188, 71.7773



14.1372, 13.8543, 17.3167



21.6206, 10.2411, 41.8856



1.5420, 0.7322, 2.9053

Previews

White Background



This preview shows how the XYZ color 60.5531, 69.6219, 63.0702 looks on a white background.

Color Contrast Check

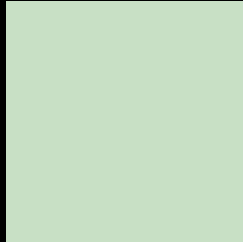
Large Text (above 18pt) WCAG AA × Fail

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 60.5531, 69.6219, 63.0702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

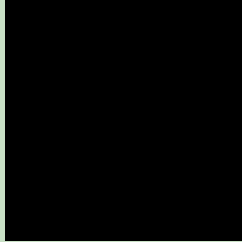
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

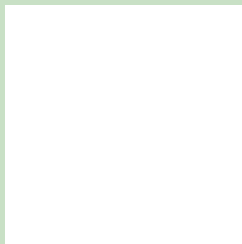
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5531, 69.6219, 63.0702

Background



This preview shows how black text looks on a background with the XYZ color 60.5531, 69.6219, 63.0702.



This preview shows how white text looks on a background with the XYZ color 60.5531, 69.6219,

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

60.5531, 69.6219, 63.0702

Protanopia

65.5455, 69.1307, 60.3410

Deuteranopia

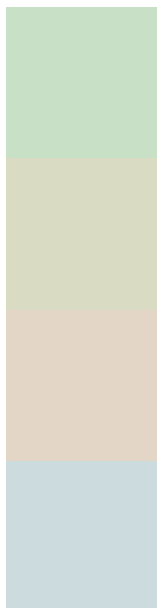
70.5340, 69.0042, 64.2452



Tritanopia

65.6653, 69.3207, 89.2762

Trichromacy



Original Color

60.5531, 69.6219, 63.0702

Protanomaly

63.6844, 69.3098, 61.0605

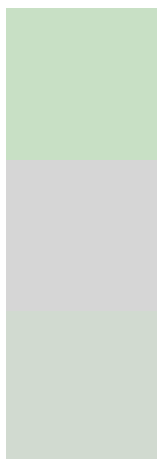
Deuteranomaly

66.3503, 68.7106, 63.7983

Tritanomaly

63.6799, 69.2977, 79.1267

Monochromacy



Original Color

60.5531, 69.6219, 63.0702

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7511, 68.2522, 69.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5531, 69.6219, 63.0702 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(200, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 224, 197)  
}
```

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(200, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 224, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.5531, 69.6219, 63.0702 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(200, 224, 197) }
```


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

```
.border{ border-color:rgb(200, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 224, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 224, 197); box-shadow:4px 4px 4px 4px rgb(200, 224, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5531, 69.6219, 63.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 224, 197) }
```

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

```
.background{ background-color: rgb(200,  
224, 197) }
```

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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