

Converting Colors

XYZ(60.6093, 70.0697, 55.3394)

Have a look what the booklet for
XYZ(60.6093, 70.0697, 55.3394)
contains.

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Color

**XYZ(60.6493, 70.2485,
55.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE1B7
RGB	205, 225, 183
RGB Percent	80%, 88%, 72%
CMY	0.1961, 0.1176, 0.2823
CMYK	0.09, 0.00, 0.19, 0.12
HSL	89°, 41%, 80%
HSV	89°, 19%, 88%
XYZ	60.6493, 70.2485, 55.1625
YIQ	214.2320, 1.5620, -17.3020

Conversions

Conversions Part 2

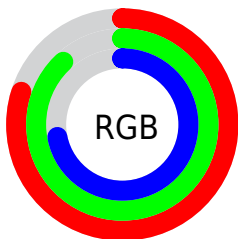
Format	Color
RYB	183, 225, 203
Decimal	13492663
CIELab	87.12, -14.02, 18.35
CIELCh	87, 23.093, 127.371
Yxy	70.2485, 0.3260, 0.3776
Android (android.graphics.Color)	4291682743 (0xFFCDE1B7)
YUV	214.2320, -15.3974, -8.0965
Hunter-Lab	83.8144, -17.5100, 19.6483

Details

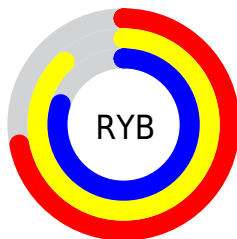
The XYZ color **60.6493, 70.2485, 55.1625** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.1556, 52.0017, 78.3683**, and the grayscale version is **64.1741, 67.5161, 73.5251**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **31.1665, 36.9405, 26.6067** is the 20% darker color. If you saturate the color by 10%, you get **55.6371, 67.9160, 43.6648**, and if you desaturate by 10%, it is **66.2422, 72.8413, 68.6445**.

Distribution



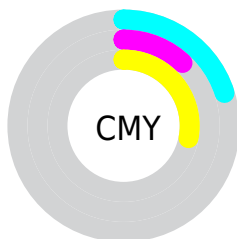
- Red (80%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6493, 70.2485, 55.1625 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 60.6493, 70.2485, 55.1625 by changing the saturation by 10% instead.

■ 60.6493, 70.2485,
55.1625

■ 60.6493, 70.2485,
55.1625

416.7834,
461.4221, 423.8269

■ 44.1937, 51.7292,
39.1324

■ 104.8720,
119.5631, 99.2525

■ 31.0214, 36.7892,
26.5541

133.3697,
151.1271, 128.1495

■ 20.7670, 25.0443,
17.0091

166.6122,
187.8081, 162.1725

■ 13.0653, 16.1101,
10.0790

204.9648,
229.9905, 201.7401

■ 7.5508, 9.6021,
5.3451

248.7929,
278.0587, 247.2708

■ 3.8583, 5.1359,
2.3889

298.4618,

■ 1.6223, 2.3272,

332.3971, 299.1831

0.7804

354.3369,
393.3901, 357.8957

■ 0.4069, 0.7881,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6493, 70.2485,
55.1625

■ 60.6493, 70.2485,
55.1625

■ 55.6371, 67.9160,
43.6648

■ 66.2422, 72.8413,
68.6445

■ 51.1781, 65.8255,
34.0533

■ 72.4307, 75.6938,
84.1938

■ 47.2510, 63.9701,
26.2281

■ 79.2359, 78.8173,
101.8940

■ 43.8305, 62.3393,
20.0784

■ 83.6403, 81.0051,
105.8350

■ 40.8886, 60.9215,
15.4813

■ 86.2167, 82.3333,
105.9556

■ 38.3944, 59.7035,
12.2965

■ 36.3117, 58.6706,
10.3589

■ 34.5882, 57.8011,
9.4198

■ 34.3768, 57.6940,
9.3242

Harmonies

Analogous

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



65.4428, 70.2485, 50.5736



60.6493, 70.2485, 55.1625



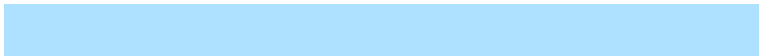
57.6164, 70.2485, 65.5841

Triad

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



60.6493, 70.2485, 55.1625



62.8443, 70.2485, 107.4298



77.6313, 70.2485, 72.7282

Complementary

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



60.6493, 70.2485, 55.1625



55.1556, 52.0017, 78.3683

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.



76.8432, 70.2485, 88.5395



60.6493, 70.2485, 55.1625



68.1132, 70.2485, 110.0192

Square

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



60.6493, 70.2485, 55.1625



58.8350, 70.2485, 96.0436



73.2873, 70.2485, 102.7052



75.3862, 70.2485, 59.7863

Rectangle

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



60.6493, 70.2485, 55.1625



56.9030, 70.2485, 75.1296



73.2873, 70.2485, 102.7052



77.7143, 70.2485, 77.8641

Sweetspot

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



60.6512, 70.2516, 55.1640



90.0534, 97.6975, 96.3158



60.8629, 61.9522, 53.5509



19.1625, 20.8593, 20.3355



0.0000, 0.0000, 0.0000



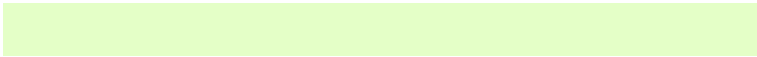
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6512, 70.2516, 55.1640



78.1416, 92.1790, 67.6458



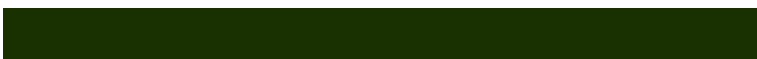
55.3377, 67.5124, 54.9154



14.2104, 15.6886, 14.5860



19.9444, 33.3142, 5.3791



1.4857, 2.3624, 0.3777

Inverse Universe

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



55.1556, 52.0017, 78.3683



69.6948, 64.1279, 103.3124



61.1435, 55.0886, 78.6485



13.5699, 13.5618, 17.2902



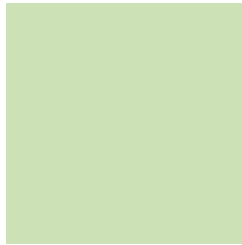
11.4696, 5.0081, 41.4105



0.8979, 0.4002, 2.8752

Previews

White Background



This preview shows how the XYZ color 60.6493, 70.2485, 55.1625 looks on a white background.

Color Contrast Check

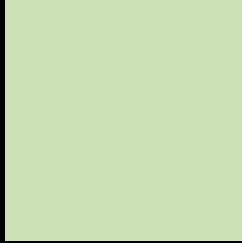
Large Text (above 18pt) WCAG AA × Fail

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 60.6493, 70.2485, 55.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

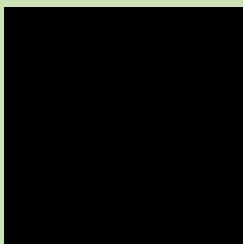
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

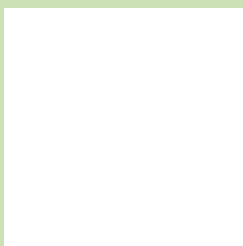
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6493, 70.2485, 55.1625

Background



This preview shows how black text looks on a background with the XYZ color 60.6493, 70.2485, 55.1625.



This preview shows how white text looks on a background with the XYZ color 60.6493, 70.2485,

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

60.6493, 70.2485, 55.1625

Protanopia

65.5827, 69.7034, 52.6453

Deuteranopia

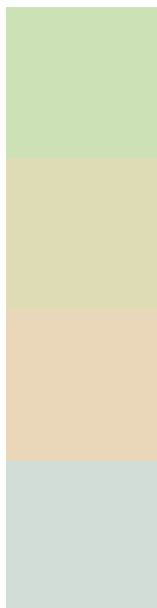
71.3339, 69.9624, 56.1988



Tritanopia

67.5074, 70.2871, 88.6060

Trichromacy



Original Color

60.6493, 70.2485, 55.1625

Protanomaly

63.6502, 69.8538, 53.3084

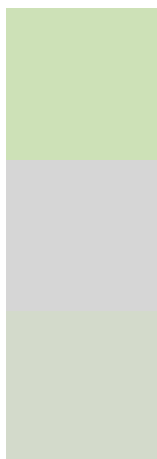
Deuteranomaly

66.9891, 69.5961, 55.8016

Tritanomaly

64.8295, 70.3724, 75.1321

Monochromacy



Original Color

60.6493, 70.2485, 55.1625

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7149, 68.3035, 66.3784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6493, 70.2485, 55.1625 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(205, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 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(205, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 60.6493, 70.2485, 55.1625 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(205, 225, 183) }
```


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

```
.border{ border-color:rgb(205, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 225, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 225, 183); box-shadow:4px 4px 4px 4px rgb(205, 225, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6493, 70.2485, 55.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 183) }
```

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

```
.background{ background-color: rgb(205,  
225, 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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