

Converting Colors

XYZ(60.6276, 70.3108, 66.2209)

Have a look what the booklet for
XYZ(60.6276, 70.3108, 66.2209)
contains.

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Color

**XYZ(60.6220, 70.3927,
66.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E2CA
RGB	196, 226, 202
RGB Percent	77%, 89%, 79%
CMY	0.2314, 0.1137, 0.2078
CMYK	0.13, 0.00, 0.11, 0.11
HSL	132°, 34%, 83%
HSV	132°, 13%, 89%
XYZ	60.6220, 70.3927, 66.2692
YIQ	214.2940, -10.1760, -13.8240

Conversions

Conversions Part 2

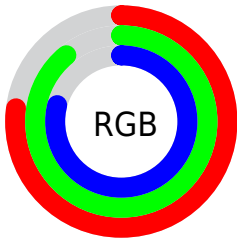
Format	Color
RYB	196, 221, 226
Decimal	12903114
CIELab	87.19, -14.39, 8.42
CIELCh	87, 16.669, 149.656
Yxy	70.3927, 0.3073, 0.3568
Android (android.graphics.Color)	4291093194 (0xFFC4E2CA)
YUV	214.2940, -6.0609, -16.0438
Hunter-Lab	83.9004, -17.8509, 11.8997

Details

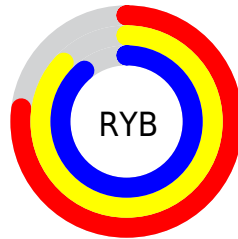
The XYZ color **60.6220, 70.3927, 66.2692** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.0247, 60.8177, 76.0779**, and the grayscale version is **64.1606, 67.5019, 73.5096**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.0635, 37.0147, 33.5243** is the 20% darker color. If you saturate the color by 10%, you get **53.1636, 66.7828, 55.3924**, and if you desaturate by 10%, it is **69.2207, 74.5655, 78.5117**.

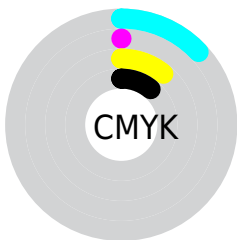
Distribution



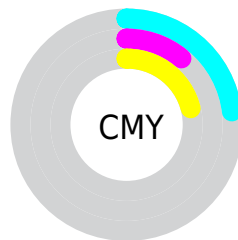
- Red (77%)
- Green (89%)
- Blue (79%)



- Red (77%)
- Yellow (87%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6220, 70.3927, 66.2692 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 60.6220, 70.3927, 66.2692 by changing the saturation by 10% instead.

60.6220, 70.3927,
66.2692

60.6220, 70.3927,
66.2692

416.6848,
461.9276, 465.7695

44.1716, 51.8467,
48.0331

104.8326,
119.7686, 115.5033

31.0039, 36.8829,
33.4929

133.3236,
151.3673, 147.3384

20.7537, 25.1169,
22.2301

166.5587,
188.0858, 184.5436

13.0555, 16.1641,
13.8262

204.9034,
230.3084, 227.5373

7.5440, 9.6404,
7.8625

248.7230,
278.4194, 276.7383

3.8539, 5.1612,
3.9206

298.3828,

1.6198, 2.3421,

332.8034, 332.5649

1.5819

354.2483,
393.8447, 395.4358

0.4053, 0.7959,
0.2778

0.0000, 0.0000,
0.0000

60.6220, 70.3927,
66.2692

60.6220, 70.3927,
66.2692

53.1636, 66.7828,
55.3924

69.2207, 74.5655,
78.5117

46.7915, 63.7029,
45.8294

78.9991, 79.3145,
92.1603

41.4562, 61.1306,
37.5317

86.4877, 82.8754,
106.0459

37.1018, 59.0381,
30.4463

■ 33.6672, 57.3952,
24.5161

■ 31.0841, 56.1680,
19.6797

■ 29.2746, 55.3176,
15.8697

■ 28.1453, 54.7976,
13.0112

■ 27.6751, 54.5863,
11.5802

Harmonies

Analogous

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



63.2527, 70.3927, 59.4071



60.6220, 70.3927, 66.2692



59.6623, 70.3927, 76.5165

Triad

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



60.6220, 70.3927, 66.2692



66.8610, 70.3927, 100.2702



73.6584, 70.3927, 66.4727

Complementary

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



60.6220, 70.3927, 66.2692



64.0247, 60.8177, 76.0779

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.



74.7138, 70.3927, 76.7751



60.6220, 70.3927, 66.2692



70.6976, 70.3927, 96.9328

Square

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



60.6220, 70.3927, 66.2692



63.1774, 70.3927, 96.7817



73.6102, 70.3927, 88.0525



70.7788, 70.3927, 59.5163

Rectangle

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



60.6220, 70.3927, 66.2692



60.0692, 70.3927, 84.1231



73.6102, 70.3927, 88.0525



74.2431, 70.3927, 69.6250

Sweetspot

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



60.6239, 70.3957, 66.2708



90.1102, 97.6020, 101.9559



66.8297, 73.6754, 62.9240



19.0945, 20.7973, 21.5504



0.0000, 0.0000, 0.0000



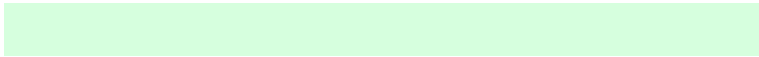
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6239, 70.3957, 66.2708



76.7830, 91.1395, 82.9048



62.4230, 71.1153, 75.7444



13.6403, 15.3818, 15.1410



15.8217, 31.1535, 6.7841



1.1285, 2.1721, 0.6380

Inverse Universe

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



64.0247, 60.8177, 76.0779



82.1011, 76.1600, 98.2399



62.1861, 60.0822, 66.3957



14.1714, 13.8862, 16.6727



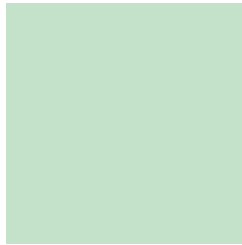
22.6833, 11.1403, 26.0616



1.6025, 0.7843, 1.9657

Previews

White Background



This preview shows how the XYZ color 60.6220, 70.3927, 66.2692 looks on a white background.

Color Contrast Check

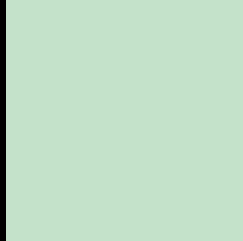
Large Text (above 18pt) WCAG AA × Fail

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 60.6220, 70.3927, 66.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

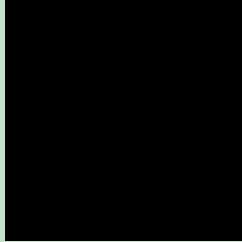
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

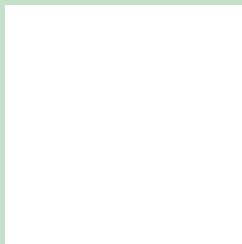
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6220, 70.3927, 66.2692

Background



This preview shows how black text looks on a background with the XYZ color 60.6220, 70.3927, 66.2692.

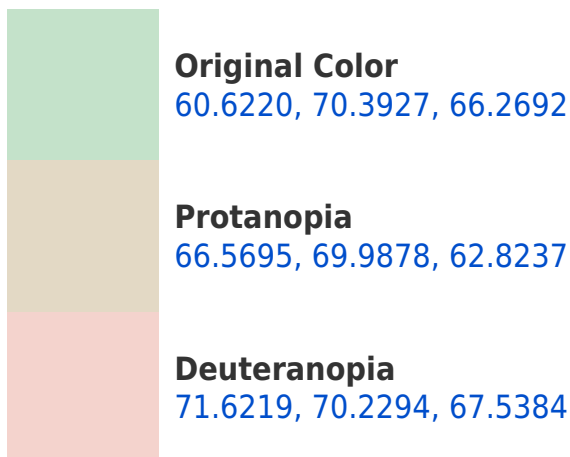


This preview shows how white text looks on a background with the XYZ color 60.6220, 70.3927, 66.2692.

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

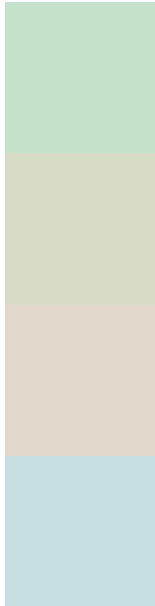




Tritanopia

65.6462, 70.4425, 91.0258

Trichromacy



Original Color

60.6220, 70.3927, 66.2692

Protanomaly

64.2209, 69.9089, 64.1418

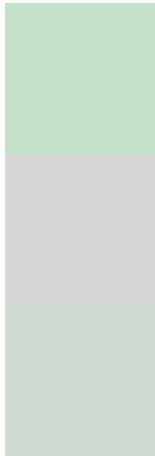
Deuteranomaly

67.1335, 69.8023, 67.0616

Tritanomaly

63.7977, 70.4910, 81.4778

Monochromacy



Original Color

60.6220, 70.3927, 66.2692

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4364, 68.0613, 70.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6220, 70.3927, 66.2692 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(196, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(196, 226, 202)  
}
```

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(196, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 226, 202) }
```

Border

The CSS property to change the border of an element to XYZ 60.6220, 70.3927, 66.2692 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(196, 226, 202) }
```


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

```
.border{ border-color:rgb(196, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 226,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6220, 70.3927, 66.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 226, 202) }
```

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

```
.background{ background-color: rgb(196,  
226, 202) }
```

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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