

Converting Colors

XYZ(55.3920, 70.0064, 53.4057)

Have a look what the booklet for
XYZ(55.3920, 70.0064, 53.4057)
contains.

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Color

**XYZ(55.3030, 69.9902,
53.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E7B3
RGB	179, 231, 179
RGB Percent	70%, 91%, 70%
CMY	0.2980, 0.0941, 0.2980
CMYK	0.23, 0.00, 0.23, 0.09
HSL	120°, 52%, 80%
HSV	120°, 23%, 91%
XYZ	55.3030, 69.9902, 53.2425
YIQ	209.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

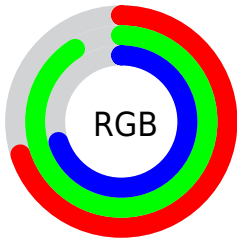
Format	Color
RYB	179, 231, 231
Decimal	11790259
CIELab	86.99, -26.51, 20.01
CIElCh	87, 33.213, 142.960
Yxy	69.9902, 0.3098, 0.3920
Android (android.graphics.Color)	4289980339 (0xFFB3E7B3)
YUV	209.5240, -15.0483, -26.7695
Hunter-Lab	83.6601, -28.4090, 20.8291

Details

The XYZ color **55.3030, 69.9902, 53.2425** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5013, 55.0002, 82.8736**, and the grayscale version is **61.0503, 64.2296, 69.9461**.

A 20% lighter version of the original color is **85.0163, 95.1803, 92.4881**, and **27.5533, 36.5263, 25.3367** is the 20% darker color. If you saturate the color by 10%, you get **48.2608, 66.6096, 41.7223**, and if you desaturate by 10%, it is **63.6347, 73.9944, 66.8690**.

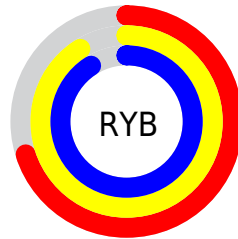
Distribution



Red (70%)

Green (91%)

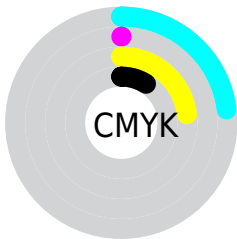
Blue (70%)



Red (70%)

Yellow (91%)

Blue (91%)

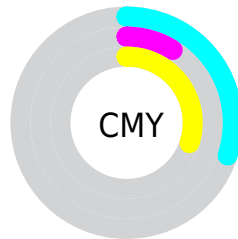


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3030, 69.9902, 53.2425 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 55.3030, 69.9902, 53.2425 by changing the saturation by 10% instead.

■ 55.3030, 69.9902,
53.2425

■ 55.3030, 69.9902,
53.2425

397.1772,
460.5156, 416.3075

■ 39.8792, 51.5185,
37.6073

■ 97.1305, 119.1948,
96.4063

■ 27.6281, 36.6215,
25.3786

124.2649,
150.6965, 124.7720

■ 18.1846, 24.9145,
16.1378

156.0335,
187.3104, 158.2182

■ 11.1831, 16.0134,
9.4663

192.8016,
229.4207, 197.1637

■ 6.2583, 9.5336,
4.9456

234.9347,
277.4121, 242.0267

■ 3.0449, 5.0909,
2.1572


282.7981,

■ 1.1776, 2.3007,


331.6687, 293.2261


0.6495


336.7572,
392.5751, 351.1801


 0.0885, 0.7741,
0.0000


 0.0000, 0.0000,
0.0000


 55.3030, 69.9902,
53.2425


 55.3030, 69.9902,
53.2425

 48.2608, 66.6096,
41.7223


 63.6347, 73.9944,
66.8690


 42.4386, 63.8128,
32.1989

 73.3099, 78.6419,
82.6945

 37.7686, 61.5696,
24.5603

 84.3863, 83.9625,
100.8119

 34.1745, 59.8432,
18.6814

 87.8673, 85.6346,
106.5058

■ 31.5705, 58.5923,
14.4219

■ 29.8578, 57.7697,
11.6204

■ 28.9174, 57.3179,
10.0821

■ 28.5773, 57.1546,
9.5259

Harmonies

Analogous

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



60.8675, 69.9902, 43.2256



55.3030, 69.9902, 53.2425



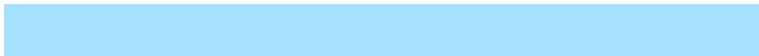
52.7782, 69.9902, 71.0859

Triad

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



55.3030, 69.9902, 53.2425



64.7104, 69.9902, 127.0115



81.2405, 69.9902, 60.7141

Complementary

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



55.3030, 69.9902, 53.2425



63.5013, 55.0002, 82.8736

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.



82.4695, 69.9902, 81.5692



55.3030, 69.9902, 53.2425



72.5197, 69.9902, 122.7510

Square

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



55.3030, 69.9902, 53.2425



57.9289, 69.9902, 115.6897



79.1677, 69.9902, 104.9765



75.9289, 69.9902, 46.9170

Rectangle

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



55.3030, 69.9902, 53.2425



53.0081, 69.9902, 86.2056



79.1677, 69.9902, 104.9765



82.1609, 69.9902, 67.0138

Sweetspot

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



55.3049, 69.9932, 53.2440



86.0432, 95.6736, 94.1678



69.6707, 77.3990, 53.9159



18.2592, 20.4024, 19.8980



0.0000, 0.0000, 0.0000



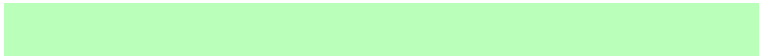
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3049, 69.9932, 53.2440



64.9252, 85.5295, 59.6255



58.1878, 71.1463, 68.4253



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



63.5013, 55.0002, 82.8736



76.8804, 63.6610, 102.8426



60.0967, 53.6383, 64.9453



14.9952, 14.6153, 18.1750



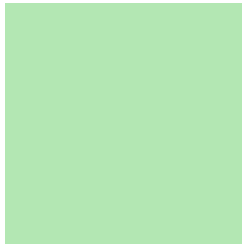
26.5610, 12.7586, 43.4445



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 55.3030, 69.9902, 53.2425 looks on a white background.

Color Contrast Check

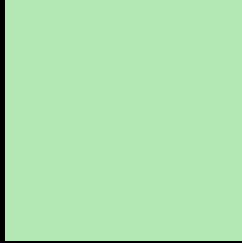
Large Text (above 18pt) WCAG AA × Fail

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 55.3030, 69.9902, 53.2425 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 55.3030, 69.9902, 53.2425

Background



This preview shows how black text looks on a background with the XYZ color 55.3030, 69.9902, 53.2425.

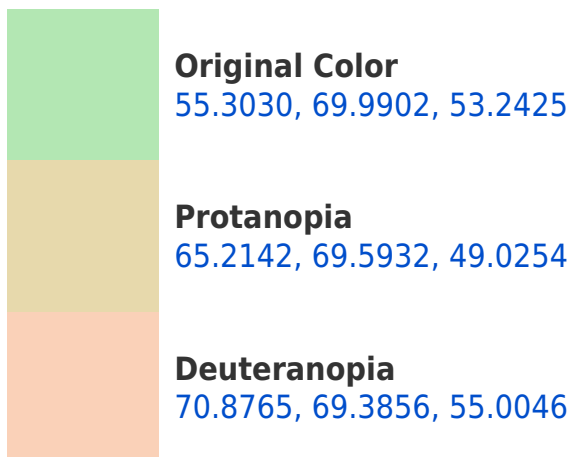


This preview shows how white text looks on a background with the XYZ color 55.3030, 69.9902,

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

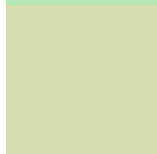
63.5001, 70.0734, 93.3978

Trichromacy



Original Color

55.3030, 69.9902, 53.2425



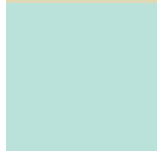
Protanomaly

61.0105, 69.3347, 50.7248



Deuteranomaly

63.9968, 68.8504, 54.1724



Tritanomaly

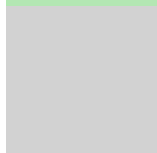
60.1009, 69.8938, 76.6529

Monochromacy



Original Color

55.3030, 69.9902, 53.2425



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.9334, 66.4084, 63.7448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3030, 69.9902, 53.2425 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(179, 231, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 231, 179)  
}
```

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(179, 231, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 231, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.3030, 69.9902, 53.2425 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(179, 231, 179) }
```


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

```
.border{ border-color:rgb(179, 231, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 231, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 231, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 231, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 231,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3030, 69.9902, 53.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 231, 179) }
```

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

```
.background{ background-color: rgb(179,  
231, 179) }
```

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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