

Converting Colors

XYZ(55.5928, 69.0220, 43.3874)

Have a look what the booklet for
XYZ(55.5928, 69.0220, 43.3874)
contains.

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Color

**XYZ(55.7396, 69.1965,
43.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E49F
RGB	192, 228, 159
RGB Percent	75%, 89%, 62%
CMY	0.2471, 0.1059, 0.3765
CMYK	0.16, 0.00, 0.30, 0.11
HSL	91°, 56%, 76%
HSV	91°, 30%, 89%
XYZ	55.7396, 69.1965, 43.2194
YIQ	209.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

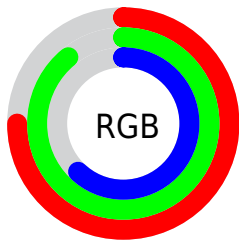
Format	Color
RYB	159, 228, 195
Decimal	12641439
CIELab	86.60, -23.73, 29.91
CIELCh	87, 38.185, 128.424
Yxy	69.1965, 0.3315, 0.4115
Android (android.graphics.Color)	4290831519 (0xFFC0E49F)
YUV	209.3700, -24.8324, -15.2335
Hunter-Lab	83.1844, -25.9648, 27.4243

Details

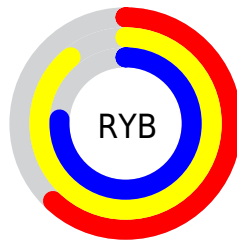
The XYZ color **55.7396, 69.1965, 43.2194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.9104, 42.0019, 78.9320**, and the grayscale version is **61.0044, 64.1814, 69.8936**.

A 20% lighter version of the original color is **86.9645, 96.5148, 77.6640**, and **27.8876, 35.9699, 19.3830** is the 20% darker color. If you saturate the color by 10%, you get **51.0496, 66.9887, 33.6073**, and if you desaturate by 10%, it is **61.0417, 71.6818, 54.7680**.

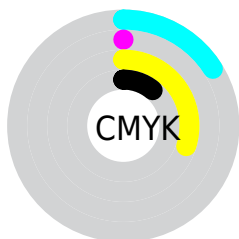
Distribution



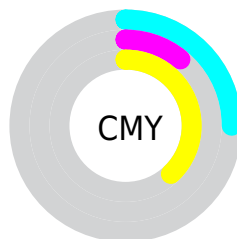
- Red (75%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)





- Cyan (25%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7396, 69.1965, 43.2194 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 55.7396, 69.1965, 43.2194 by changing the saturation by 10% instead.


 55.7396, 69.1965,
43.2194


 55.7396, 69.1965,
43.2194


398.8004,
457.7237, 375.4610

 40.2304, 50.8718,
29.7246


 97.7658, 118.0622,
81.3317

 27.9032, 36.1066,
19.3794


 125.0134,
149.3719, 106.7864

 18.3928, 24.5165,
11.7652


156.9045,
185.7788, 137.0647

 11.3338, 15.7172,
6.4634

193.8046,
227.6672, 172.5853

 6.3607, 9.3243,
3.0555

236.0788,
275.4215, 213.7667

 3.1084, 4.9533,
1.1231

284.0926,

 1.2113, 2.2199,

329.4260, 261.0274

0.0000

338.2113,
390.0653, 314.7860

0.1153, 0.7308,
0.0000

0.0000, 0.0000,
0.0000

55.7396, 69.1965,
43.2194

55.7396, 69.1965,
43.2194

51.0496, 66.9887,
33.6073

61.0417, 71.6818,
54.7680

46.9405, 65.0385,
25.8211

66.9747, 74.4460,
68.3465

43.3862, 63.3370,
19.7460

73.5629, 77.5017,
84.0478

40.3559, 61.8711,
15.2523

80.8279, 80.8580,
101.9577

■ 37.8150, 60.6263,
12.1916

■ 85.7537, 83.3093,
106.1683

■ 35.7233, 59.5858,
10.3876

■ 87.0349, 83.9697,
106.2283

■ 34.0558, 58.7431,
9.5436

Harmonies

Analogous

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



63.3048, 69.1965, 36.6519



55.7396, 69.1965, 43.2194



51.1648, 69.1965, 58.7883

Triad

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



55.7396, 69.1965, 43.2194



59.7014, 69.1965, 130.4313



84.1017, 69.1965, 68.4189

Complementary

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



55.7396, 69.1965, 43.2194



48.9104, 42.0019, 78.9320

Split Complementary

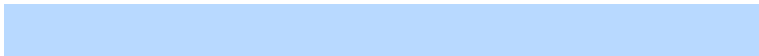
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9176, 69.1965, 94.7464



55.7396, 69.1965, 43.2194



68.2968, 69.1965, 134.6456

Square

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



55.7396, 69.1965, 43.2194



53.3052, 69.1965, 109.9148



76.9351, 69.1965, 120.3947



80.0388, 69.1965, 48.9070

Rectangle

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



55.7396, 69.1965, 43.2194



50.1672, 69.1965, 74.0097



76.9351, 69.1965, 120.3947



84.3108, 69.1965, 76.6927

Sweetspot

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



55.7414, 69.1995, 43.2209



87.3034, 96.4082, 90.3884



57.6924, 57.8734, 40.9319



18.4326, 20.5173, 18.7521



0.0000, 0.0000, 0.0000



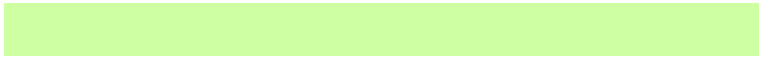
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7414, 69.1995, 43.2209



68.1488, 87.4513, 48.0323



48.4019, 65.4043, 43.4009



14.8418, 16.4255, 15.2926



19.7992, 33.9884, 5.5169



1.5698, 2.5666, 0.4127

Inverse Universe

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



48.9104, 42.0019, 78.9320



58.0754, 47.3492, 100.6861



58.2403, 46.8300, 78.5378



14.2968, 14.2552, 18.1423



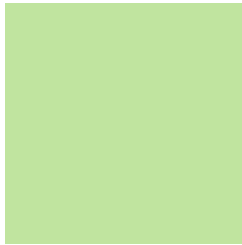
12.6145, 5.5689, 42.7932



1.0393, 0.4668, 3.1673

Previews

White Background



This preview shows how the XYZ color 55.7396, 69.1965, 43.2194 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 55.7396, 69.1965, 43.2194 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

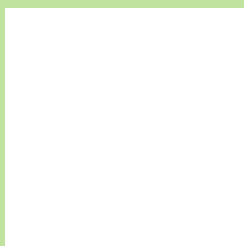
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7396, 69.1965, 43.2194

Background



This preview shows how black text looks on a background with the XYZ color 55.7396, 69.1965, 43.2194.



This preview shows how white text looks on a background with the XYZ color 55.7396, 69.1965,

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

55.7396, 69.1965, 43.2194

Protanopia

63.9929, 68.7685, 40.4727

Deuteranopia

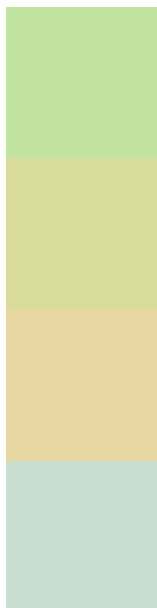
70.1637, 68.5300, 44.1799



Tritanopia

64.8403, 68.8954, 89.2376

Trichromacy



Original Color

55.7396, 69.1965, 43.2194

Protanomaly

60.5074, 68.4921, 41.4837

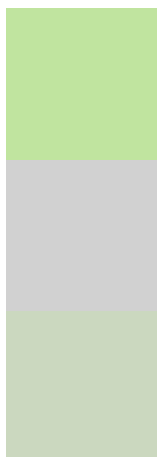
Deuteranomaly

64.1007, 68.3653, 43.9998

Tritanomaly

61.0596, 68.9387, 69.7628

Monochromacy



Original Color

55.7396, 69.1965, 43.2194

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.5884, 65.5698, 58.8585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7396, 69.1965, 43.2194 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(192, 228, 159)` looks like.

```
.text, #text, p{  
    color:rgb(192, 228, 159)  
}
```

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(192, 228, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 228, 159) }
```

Border

The CSS property to change the border of an element to XYZ 55.7396, 69.1965, 43.2194 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(192, 228, 159) }
```


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

```
.border{ border-color:rgb(192, 228, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 228, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 228, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 228, 159);  
box-shadow:4px 4px 4px 4px rgb(192, 228,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7396, 69.1965, 43.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 228, 159) }
```

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

```
.background{ background-color: rgb(192,  
228, 159) }
```

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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