

Converting Colors

XYZ(55.4239, 70.1804, 56.1841)

Have a look what the booklet for
XYZ(55.4239, 70.1804, 56.1841)
contains.

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Color

**XYZ(55.3591, 69.9596,
55.9332)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7B8
RGB	177, 231, 184
RGB Percent	69%, 91%, 72%
CMY	0.3059, 0.0941, 0.2784
CMYK	0.23, 0.00, 0.20, 0.09
HSL	128°, 53%, 80%
HSV	128°, 23%, 91%
XYZ	55.3591, 69.9596, 55.9332
YIQ	209.4960, -17.0970, -26.0650

Conversions

Conversions Part 2

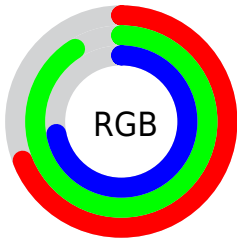
Format	Color
RYB	177, 225, 231
Decimal	11659192
CIELab	86.98, -26.31, 17.37
CIElCh	87, 31.523, 146.563
Yxy	69.9596, 0.3054, 0.3860
Android (android.graphics.Color)	4289849272 (0xFFB1E7B8)
YUV	209.4960, -12.5695, -28.4990
Hunter-Lab	83.6419, -28.2314, 18.9007

Details

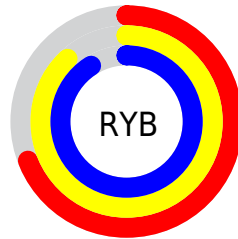
The XYZ color **55.3591, 69.9596, 55.9332** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1341, 53.8166, 77.6369**, and the grayscale version is **61.0175, 64.1952, 69.9086**.

A 20% lighter version of the original color is **85.0924, 95.1349, 96.3161**, and **27.5951, 36.5096, 27.0654** is the 20% darker color. If you saturate the color by 10%, you get **48.5763, 66.6914, 45.3852**, and if you desaturate by 10%, it is **63.3359, 73.8127, 68.1037**.

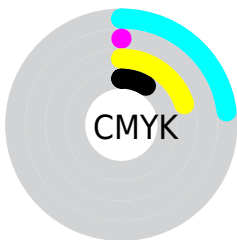
Distribution



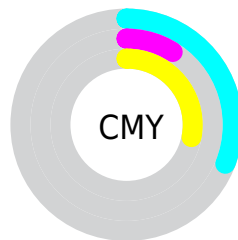
- Red (69%)
- Green (91%)
- Blue (72%)



- Red (69%)
- Yellow (88%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3591, 69.9596, 55.9332 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 55.3591, 69.9596, 55.9332 by changing the saturation by 10% instead.

■ 55.3591, 69.9596,
55.9332

■ 55.3591, 69.9596,
55.9332

397.3860,
460.4081, 426.8209

■ 39.9243, 51.4936,
39.7457

■ 97.2122, 119.1511,
100.3917

■ 27.6635, 36.6016,
27.0281

124.3611,
150.6455, 129.4999

■ 18.2113, 24.8992,
17.3617

156.1455,
187.2514, 163.7520

■ 11.2024, 16.0019,
10.3280

192.9306,
229.3532, 203.5666

■ 6.2714, 9.5255,
5.5085

235.0819,
277.3354, 249.3622

■ 3.0530, 5.0855,
2.4847


282.9646,

■ 1.1819, 2.2975,


331.5824, 301.5575


0.8320


336.9442,
392.4785, 360.5709


 0.0920, 0.7724,
0.0000


 0.0000, 0.0000,
0.0000


 55.3591, 69.9596,
55.9332


 55.3591, 69.9596,
55.9332


 48.5763, 66.6914,
45.3852


 63.3359, 73.8127,
68.1037


 42.9245, 63.9711,
36.3868

 72.5546, 78.2681,
81.9564

 38.3433, 61.7711,
28.8663

 83.0674, 83.3532,
97.5534

 34.7646, 60.0580,
22.7447

 87.8673, 85.6345,
106.5058

■ 32.1122, 58.7944,
17.9355

■ 30.2988, 57.9372,
14.3426

■ 29.2200, 57.4349,
11.8566

■ 28.8109, 57.2480,
10.7561

Harmonies

Analogous

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



60.3584, 69.9596, 45.3417



55.3591, 69.9596, 55.9332



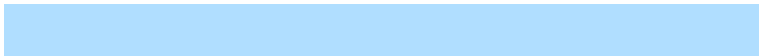
53.3318, 69.9596, 73.7673

Triad

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



55.3591, 69.9596, 55.9332



65.6487, 69.9596, 124.2760



79.9881, 69.9596, 59.4331

Complementary

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



55.3591, 69.9596, 55.9332



62.1341, 53.8166, 77.6369

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.



81.6622, 69.9596, 78.6327



55.3591, 69.9596, 55.9332



73.0330, 69.9596, 118.5328

Square

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



55.3591, 69.9596, 55.9332



58.9897, 69.9596, 115.2961



79.0312, 69.9596, 100.7894



74.6103, 69.9596, 47.0849

Rectangle

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



55.3591, 69.9596, 55.9332



53.8187, 69.9596, 88.3353



79.0312, 69.9596, 100.7894



81.0190, 69.9596, 65.1836

Sweetspot

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



55.3610, 69.9626, 55.9347



86.3838, 95.8098, 95.9614



67.4725, 76.2890, 52.7648



18.3377, 20.4338, 20.3117



0.0000, 0.0000, 0.0000



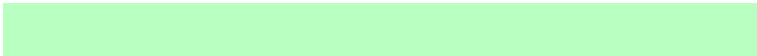
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3610, 69.9626, 55.9347



65.0410, 85.5048, 63.4437



58.3798, 71.1701, 71.8315



14.2650, 16.1194, 15.6602



16.1761, 32.1026, 6.1618



1.2200, 2.3821, 0.5853

Inverse Universe

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



62.1341, 53.8166, 77.6369



74.8928, 62.0132, 95.0057



58.8377, 52.4981, 60.2785



14.9105, 14.5814, 17.7290



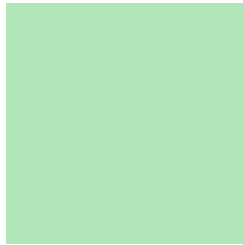
24.4218, 11.9029, 32.1798



1.8272, 0.8886, 2.4966

Previews

White Background



This preview shows how the XYZ color 55.3591, 69.9596, 55.9332 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 55.3591, 69.9596, 55.9332 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 55.3591, 69.9596, 55.9332

Background



This preview shows how black text looks on a background with the XYZ color 55.3591, 69.9596, 55.9332.

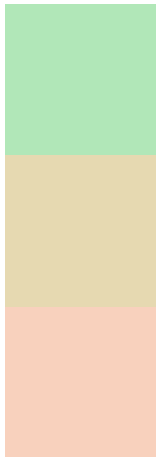


This preview shows how white text looks on a background with the XYZ color 55.3591, 69.9596,

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

55.3591, 69.9596, 55.9332

Protanopia

65.3818, 69.6230, 51.5876

Deuteranopia

70.6972, 69.2315, 57.7810



Tritanopia

62.7584, 69.6910, 93.3631

Trichromacy



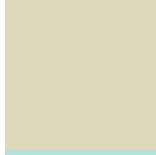
Original Color

55.3591, 69.9596, 55.9332



Protanomaly

61.2235, 69.3867, 53.3462



Deuteranomaly

63.9067, 68.7432, 56.9142



Tritanomaly

59.6431, 69.6273, 78.0060

Monochromacy



Original Color

55.3591, 69.9596, 55.9332



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.2641, 65.6662, 64.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3591, 69.9596, 55.9332 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(177, 231, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 184)  
}
```

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(177, 231, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 184) }
```

Border

The CSS property to change the border of an element to XYZ 55.3591, 69.9596, 55.9332 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(177, 231, 184) }
```


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

```
.border{ border-color:rgb(177, 231, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3591, 69.9596, 55.9332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 184) }
```

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

```
.background{ background-color: rgb(177,  
231, 184) }
```

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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