

Converting Colors

XYZ(53.2094, 65.1734, 63.3870)

Have a look what the booklet for
XYZ(53.2094, 65.1734, 63.3870)
contains.

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Color

**XYZ(53.1089, 64.9777,
63.1689)**

Conversions

Conversions Part 1

Format	Color
Hex	ABDEC6
RGB	171, 222, 198
RGB Percent	67%, 87%, 78%
CMY	0.3294, 0.1294, 0.2235
CMYK	0.23, 0.00, 0.11, 0.13
HSL	152°, 44%, 77%
HSV	152°, 23%, 87%
XYZ	53.1089, 64.9777, 63.1689
YIQ	204.0150, -22.6920, -18.2760

Conversions

Conversions Part 2

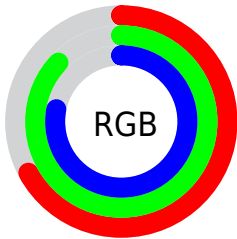
Format	Color
RYB	171, 204, 222
Decimal	11263686
CIELab	84.47, -21.24, 6.42
CIELCh	84, 22.194, 163.180
Yxy	64.9777, 0.2930, 0.3585
Android (android.graphics.Color)	4289453766 (0xFFABDEC6)
YUV	204.0150, -2.9654, -28.9542
Hunter-Lab	80.6087, -23.4610, 9.9636

Details

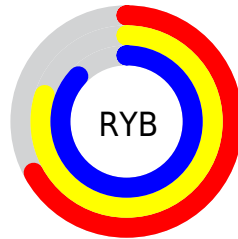
The XYZ color **53.1089, 64.9777, 63.1689** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5397, 48.5972, 58.1382**, and the grayscale version is **57.4339, 60.4249, 65.8027**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.3240, 33.5026, 31.4648** is the 20% darker color. If you saturate the color by 10%, you get **47.5098, 62.2275, 56.8322**, and if you desaturate by 10%, it is **59.6070, 68.1853, 69.9844**.

Distribution



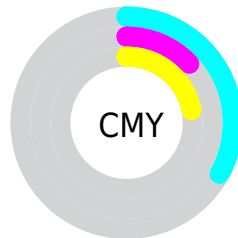
- Red (67%)
- Green (87%)
- Blue (78%)



- Red (67%)
- Yellow (80%)
- Blue (87%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)





- Cyan (33%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1089, 64.9777, 63.1689 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 53.1089, 64.9777, 63.1689 by changing the saturation by 10% instead.


 53.1089, 64.9777,
63.1689

 53.1089, 64.9777,
63.1689

388.9568,
442.7118, 454.3070

 38.1175, 47.4430,
45.5360


 93.9292, 112.0178,
111.0011

 26.2516, 33.3860,
31.5338


120.4888,
142.2920, 142.0374

 17.1456, 22.4223,
20.7438


151.6352,
177.5814, 178.3786

 10.4343, 14.1675,
12.7474

187.7338,
218.2706, 220.4433

 5.7523, 8.2373,
7.1262

229.1499,
264.7438, 268.6499

 2.7343, 4.2472,
3.4615

276.2489,

 1.0149, 1.8128,

317.3855, 323.4171

1.3348

329.3961,
376.5800, 385.1632

■ 0.0000, 0.4951,
0.0901

■ 0.0000, 0.0000,
0.0000

■ 53.1089, 64.9777,
63.1689

■ 53.1089, 64.9777,
63.1689

■ 47.5098, 62.2275,
56.8322

■ 59.6070, 68.1853,
69.9844

■ 42.7619, 59.9050,
50.9593

■ 67.0379, 71.8622,
77.2847

■ 38.8215, 57.9894,
45.5406

■ 75.4405, 76.0300,
85.0811

■ 35.6381, 56.4552,
40.5644

■ 83.0600, 79.7840,
93.2994

■ 33.1557, 55.2735,
36.0185

■ 84.6557, 80.4223,
101.7023

■ 31.3097, 54.4114,
31.8900

■ 85.4125, 80.7250,
105.6875

■ 30.0225, 53.8289,
28.1649

■ 29.3643, 53.5417,
25.7789

Harmonies

Analogous

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



55.4870, 64.9777, 52.7148



53.1089, 64.9777, 63.1689



52.9679, 64.9777, 77.1331

Triad

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



53.1089, 64.9777, 63.1689



63.9498, 64.9777, 100.6673



68.9453, 64.9777, 53.7250

Complementary

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



53.1089, 64.9777, 63.1689



54.5397, 48.5972, 58.1382

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.



71.4735, 64.9777, 64.7285



53.1089, 64.9777, 63.1689



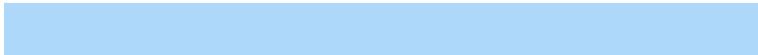
68.4874, 64.9777, 92.4898

Square

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



53.1089, 64.9777, 63.1689



59.0523, 64.9777, 100.1029



71.3016, 64.9777, 78.9139



64.5479, 64.9777, 47.7812

Rectangle

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



53.1089, 64.9777, 63.1689



54.1483, 64.9777, 86.6999



71.3016, 64.9777, 78.9139



70.0522, 64.9777, 56.8864

Sweetspot

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



53.1107, 64.9804, 63.1704



87.4619, 96.2411, 101.6386



56.1482, 66.8746, 48.4777



18.5870, 20.5335, 21.6242



0.0000, 0.0000, 0.0000



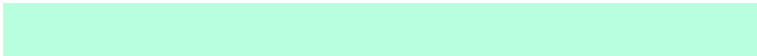
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1107, 64.9804, 63.1704



68.5357, 86.9027, 81.8465



55.8777, 65.7268, 78.8519



13.8305, 15.4579, 16.1425



17.4977, 31.8239, 15.6100



1.2580, 2.2239, 1.3198

Inverse Universe

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



54.5397, 48.5972, 58.1382



70.8482, 60.3953, 73.7070



52.2008, 47.9193, 45.0270



13.9744, 13.8074, 15.6353



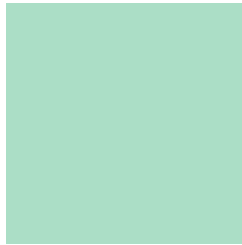
19.4470, 9.8458, 9.0197



1.3929, 0.7004, 0.8620

Previews

White Background



This preview shows how the XYZ color 53.1089, 64.9777, 63.1689 looks on a white background.

Color Contrast Check

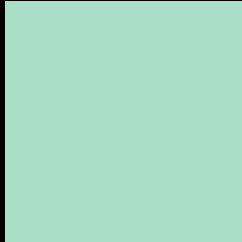
Large Text (above 18pt) WCAG AA × Fail

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 53.1089, 64.9777, 63.1689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

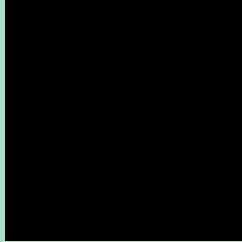
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

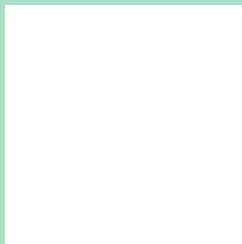
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1089, 64.9777, 63.1689

Background



This preview shows how black text looks on a background with the XYZ color 53.1089, 64.9777, 63.1689.

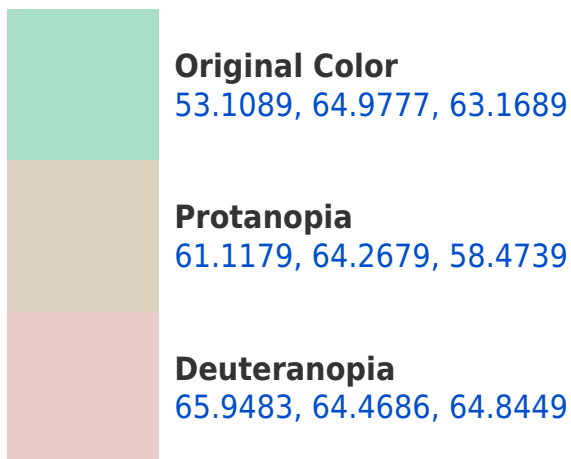


This preview shows how white text looks on a background with the XYZ color 53.1089, 64.9777,

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

58.0242, 65.0312, 87.3360

Trichromacy



Original Color

53.1089, 64.9777, 63.1689

Protanomaly

57.8716, 64.4057, 60.4203

Deuteranomaly

60.4532, 64.1591, 64.4561

Tritanomaly

56.0619, 64.9975, 77.9976

Monochromacy



Original Color

53.1089, 64.9777, 63.1689

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6932, 62.0593, 64.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1089, 64.9777, 63.1689 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(171, 222, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 198)  
}
```

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(171, 222, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.1089, 64.9777, 63.1689 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(171, 222, 198) }
```


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

```
.border{ border-color:rgb(171, 222, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 222, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 222, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 222, 198);  
box-shadow:4px 4px 4px 4px rgb(171, 222,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1089, 64.9777, 63.1689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 198) }
```

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

```
.background{ background-color: rgb(171,  
222, 198) }
```

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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