

Converting Colors

XYZ(51.2130, 67.6169, 61.4114)

Have a look what the booklet for
XYZ(51.2130, 67.6169, 61.4114)
contains.

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Color

**XYZ(51.2624, 67.7223,
61.4088)**

Conversions

Conversions Part 1

Format	Color
Hex	98E7C2
RGB	152, 231, 194
RGB Percent	60%, 91%, 76%
CMY	0.4039, 0.0941, 0.2392
CMYK	0.34, 0.00, 0.16, 0.09
HSL	152°, 62%, 75%
HSV	152°, 34%, 91%
XYZ	51.2624, 67.7223, 61.4088
YIQ	203.1610, -35.2070, -28.2550

Conversions

Conversions Part 2

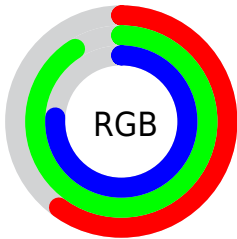
Format	Color
RYB	152, 204, 231
Decimal	10020802
CIELab	85.87, -32.09, 10.39
CIELCh	86, 33.728, 162.055
Yxy	67.7223, 0.2842, 0.3754
Android (android.graphics.Color)	4288210882 (0xFF98E7C2)
YUV	203.1610, -4.5164, -44.8682
Hunter-Lab	82.2936, -32.8223, 13.3623

Details

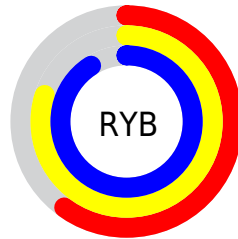
The XYZ color **51.2624, 67.7223, 61.4088** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.3708, 43.1211, 53.6571**, and the grayscale version is **56.9107, 59.8745, 65.2033**.

A 20% lighter version of the original color is **79.1850, 91.8949, 104.8308**, and **25.1006, 35.1501, 30.2726** is the 20% darker color. If you saturate the color by 10%, you get **46.1817, 65.2403, 55.0578**, and if you desaturate by 10%, it is **57.2773, 70.6793, 68.2683**.

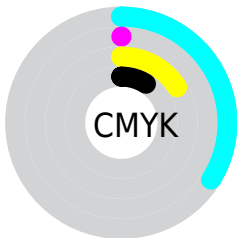
Distribution



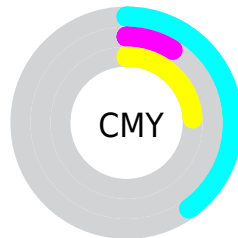
- Red (60%)
- Green (91%)
- Blue (76%)



- Red (60%)
- Yellow (80%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)





- Cyan (40%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2624, 67.7223, 61.4088 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 51.2624, 67.7223, 61.4088 by changing the saturation by 10% instead.


 51.2624, 67.7223,
61.4088


 51.2624, 67.7223,
61.4088

381.9533,
452.5115, 447.7193

 36.6394, 49.6718,
44.1225


 91.2232, 115.9548,
108.4339

 25.1008, 35.1527,
30.4289


 117.2917,
146.9056, 139.0098

 16.2813, 23.7805,
19.9096


147.9061,
182.9253, 174.8526

 9.8155, 15.1709,
12.1459

183.4316,
224.3984, 216.3808

 5.3381, 8.9394,
6.7194

224.2338,
271.7091, 264.0131

 2.4838, 4.7017,
3.2114


270.6779,


 0.8871, 2.0733,


325.2419, 318.1679


1.2036


323.1293,
385.3813, 379.2638


 0.0000, 0.6496,
0.0000


 0.0000, 0.0000,
0.0000


 51.2624, 67.7223,
61.4088


 51.2624, 67.7223,
61.4088


 46.1817, 65.2403,
55.0578

 57.2773, 70.6793,
68.2683


 41.9787, 63.1989,
49.1986

 64.2677, 74.1270,
75.6434

 38.5991, 61.5722,
43.8200

 72.2792, 78.0905,
83.5469

 35.9800, 60.3280,
38.9086

 81.3528, 82.5906,
91.9896

■ 34.0488, 59.4291,
34.4501

■ 86.7760, 85.1979,
100.7596

■ 32.7171, 58.8302,
30.4291

■ 87.8672, 85.6344,
106.5057

■ 32.1403, 58.5796,
28.2890

Harmonies

Analogous

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



54.9344, 67.7223, 46.4795



51.2624, 67.7223, 61.4088



50.9243, 67.7223, 82.9713

Triad

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



51.2624, 67.7223, 61.4088



67.5161, 67.7223, 123.5733



76.0218, 67.7223, 48.7854

Complementary

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



51.2624, 67.7223, 61.4088



53.3708, 43.1211, 53.6571

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.



79.9912, 67.7223, 65.2165



51.2624, 67.7223, 61.4088



74.8241, 67.7223, 109.9918

Square

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



51.2624, 67.7223, 61.4088



59.9052, 67.7223, 121.9864



79.5362, 67.7223, 87.6161



69.0471, 67.7223, 40.2571

Rectangle

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



51.2624, 67.7223, 61.4088



52.5970, 67.7223, 98.6608



79.5362, 67.7223, 87.6161



77.7760, 67.7223, 53.4114

Sweetspot

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



51.2643, 67.7251, 61.4103



84.4191, 94.7349, 98.6750



55.5267, 70.3926, 40.3672



17.7722, 20.1303, 20.8246



0.0000, 0.0000, 0.0000



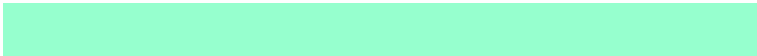
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2643, 67.7251, 61.4103



59.5651, 82.5046, 71.1981



55.5837, 68.8654, 85.9674



14.5080, 16.2166, 16.9396



18.0809, 32.8645, 16.1920



1.3830, 2.4473, 1.4433

Inverse Universe

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



53.3708, 43.1211, 53.6571



62.5758, 47.3596, 60.1312



50.0676, 42.1437, 35.2023



14.6565, 14.4798, 16.3917



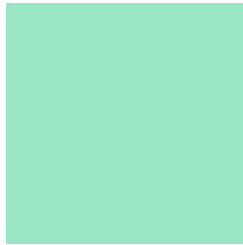
20.0598, 10.1582, 9.2100



1.5289, 0.7693, 0.9259

Previews

White Background



This preview shows how the XYZ color 51.2624, 67.7223, 61.4088 looks on a white background.

Color Contrast Check

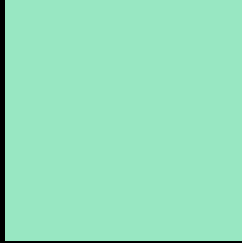
Large Text (above 18pt) WCAG AA × Fail

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 51.2624, 67.7223, 61.4088 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 51.2624, 67.7223, 61.4088

Background



This preview shows how black text looks on a background with the XYZ color 51.2624, 67.7223, 61.4088.



This preview shows how white text looks on a background with the XYZ color 51.2624, 67.7223,

61.4088.

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

51.2624, 67.7223, 61.4088

Protanopia

63.2917, 66.9386, 55.4835

Deuteranopia

68.3153, 66.7914, 63.3243



Tritanopia

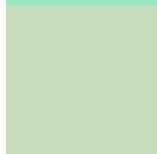
57.7869, 67.5086, 93.9892

Trichromacy



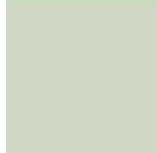
Original Color

51.2624, 67.7223, 61.4088



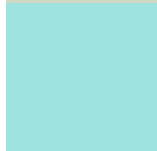
Protanomaly

57.9590, 66.8230, 57.4203



Deuteranomaly

60.3909, 66.0420, 62.3878



Tritanomaly

55.3578, 67.7453, 81.3927

Monochromacy



Original Color

51.2624, 67.7223, 61.4088



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

53.9867, 61.9490, 63.7555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2624, 67.7223, 61.4088 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(152, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(152, 231, 194)  
}
```

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(152, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 231, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.2624, 67.7223, 61.4088 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(152, 231, 194) }
```


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

```
.border{ border-color:rgb(152, 231, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 231, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 231, 194);  
box-shadow:4px 4px 4px 4px rgb(152, 231,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2624, 67.7223, 61.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 231, 194) }
```

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

```
.background{ background-color: rgb(152,  
231, 194) }
```

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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