

Converting Colors

XYZ(51.6194, 65.8763, 60.2963)

Have a look what the booklet for
XYZ(51.6194, 65.8763, 60.2963)
contains.

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Color

**XYZ(51.7223, 65.9244,
60.4507)**

Conversions

Conversions Part 1

Format	Color
Hex	A2E2C1
RGB	162, 226, 193
RGB Percent	64%, 89%, 76%
CMY	0.3647, 0.1137, 0.2431
CMYK	0.28, 0.00, 0.15, 0.11
HSL	149°, 52%, 76%
HSV	149°, 28%, 89%
XYZ	51.7223, 65.9244, 60.4507
YIQ	203.1020, -27.5510, -23.8310

Conversions

Conversions Part 2

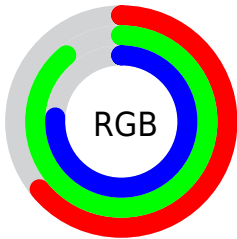
Format	Color
RYB	162, 205, 226
Decimal	10674881
CIELab	84.96, -26.95, 9.69
CIELCh	85, 28.642, 160.231
Yxy	65.9244, 0.2904, 0.3702
Android (android.graphics.Color)	4288864961 (0xFFA2E2C1)
YUV	203.1020, -4.9803, -36.0465
Hunter-Lab	81.1938, -28.3807, 12.6929

Details

The XYZ color **51.7223, 65.9244, 60.4507** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.1370, 45.9511, 57.6486**, and the grayscale version is **56.8730, 59.8348, 65.1601**.

A 20% lighter version of the original color is **81.7723, 93.2650, 103.3146**, and **25.2193, 33.8017, 29.6213** is the 20% darker color. If you saturate the color by 10%, you get **46.2885, 63.2693, 53.6760**, and if you desaturate by 10%, it is **58.0873, 69.0513, 67.8066**.

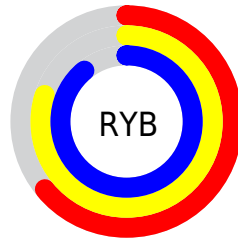
Distribution



Red (64%)

Green (89%)

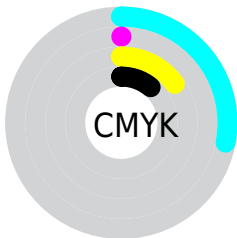
Blue (76%)



Red (64%)

Yellow (80%)

Blue (89%)

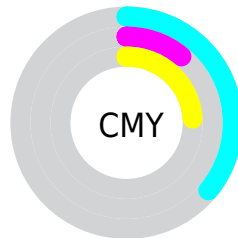


Cyan (28%)

Magenta (0%)

Yellow (15%)

Black (11%)



Cyan (36%)


Magenta (11%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7223, 65.9244, 60.4507 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 51.7223, 65.9244, 60.4507 by changing the saturation by 10% instead.


 51.7223, 65.9244,
60.4507


 51.7223, 65.9244,
60.4507


383.7052,
446.1065, 444.1077

 37.0071, 48.2110,
43.3543


 91.8982, 113.3778,
107.0330

 25.3867, 33.9940,
29.8298


 118.0897,
143.8867, 137.3559

 16.4957, 22.8890,
19.4585


148.8373,
179.4295, 172.9249

 9.9686, 14.5116,
11.8219

184.5065,
220.3906, 214.1583

 5.4403, 8.4773,
6.5014

225.4625,
267.1545, 261.4747

 2.5452, 4.4019,
3.0786


272.0707,


 0.9181, 1.9008,


320.1055, 315.2928


1.1349


324.6965,
379.6280, 376.0309


 0.0000, 0.5489,
0.0000


 0.0000, 0.0000,
0.0000

 51.7223, 65.9244,
60.4507


 51.7223, 65.9244,
60.4507


 46.2885, 63.2693,
53.6760


 58.0873, 69.0513,
67.8066


 41.7338, 61.0541,
47.4637

 65.4212, 72.6637,
75.7532

 38.0093, 59.2555,
41.8001

 73.7661, 76.7851,
84.3052

 35.0588, 57.8450,
36.6694

 83.1602, 81.4347,
93.4757

■ 32.8186, 56.7899,
32.0549

■ 85.8930, 82.6374,
102.9145

■ 31.2140, 56.0522,
27.9387

■ 86.4876, 82.8752,
106.0459

■ 30.1379, 55.5768,
24.3008

■ 29.9831, 55.5094,
23.7340

Harmonies

Analogous

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



55.0031, 65.9244, 47.9851



51.7223, 65.9244, 60.4507



51.2552, 65.9244, 78.2600

Triad

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



51.7223, 65.9244, 60.4507



64.8826, 65.9244, 112.6015



72.5873, 65.9244, 51.2410

Complementary

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



51.7223, 65.9244, 60.4507



54.1370, 45.9511, 57.6486

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.



75.6404, 65.9244, 65.6688



51.7223, 65.9244, 60.4507



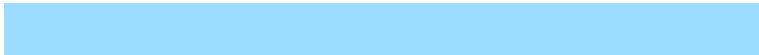
70.9946, 65.9244, 102.3723

Square

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



51.7223, 65.9244, 60.4507



58.5670, 65.9244, 110.5555



75.0384, 65.9244, 84.4442



66.9376, 65.9244, 43.3323

Rectangle

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



51.7223, 65.9244, 60.4507



52.5659, 65.9244, 91.1397



75.0384, 65.9244, 84.4442



73.9682, 65.9244, 55.3773

Sweetspot

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



51.7241, 65.9271, 60.4522



86.2913, 95.6751, 99.8903



56.2431, 68.6153, 44.4630



18.1381, 20.3148, 21.0304



0.0000, 0.0000, 0.0000



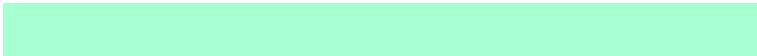
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7241, 65.9271, 60.4522



63.6419, 84.5456, 74.1293



55.6804, 67.5096, 81.2857



13.8040, 15.4473, 16.0030



17.1641, 31.6905, 13.8529



1.2348, 2.2147, 1.1978

Inverse Universe

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



54.1370, 45.9511, 57.6486



67.3092, 54.1806, 69.8655



50.9031, 44.6576, 40.6194



14.0008, 13.8180, 15.7745



19.7698, 9.9749, 10.7195



1.4155, 0.7095, 0.9811

Previews

White Background



This preview shows how the XYZ color 51.7223, 65.9244, 60.4507 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 51.7223, 65.9244, 60.4507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

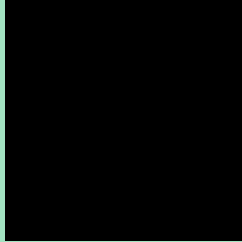
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7223, 65.9244, 60.4507

Background



This preview shows how black text looks on a background with the XYZ color 51.7223, 65.9244, 60.4507.

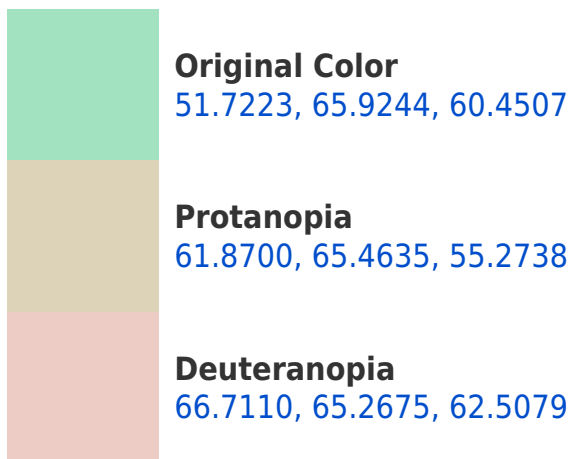


This preview shows how white text looks on a background with the XYZ color 51.7223, 65.9244,

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

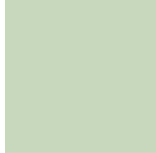
57.6738, 65.9588, 89.8123

Trichromacy



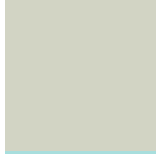
Original Color

51.7223, 65.9244, 60.4507



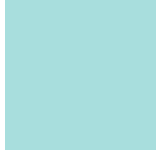
Protanomaly

57.4524, 65.0219, 57.0994



Deuteranomaly

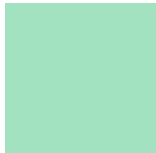
60.0856, 64.7741, 61.5604



Tritanomaly

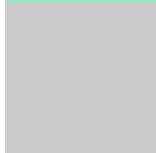
55.3209, 65.7878, 78.1892

Monochromacy



Original Color

51.7223, 65.9244, 60.4507



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.3421, 61.4034, 63.0207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7223, 65.9244, 60.4507 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(162, 226, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 226, 193)  
}
```

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(162, 226, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 226, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.7223, 65.9244, 60.4507 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(162, 226, 193) }
```


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

```
.border{ border-color:rgb(162, 226, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 226, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 226, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 226, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 226,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7223, 65.9244, 60.4507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 226, 193) }
```

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

```
.background{ background-color: rgb(162,  
226, 193) }
```

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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