

Converting Colors

XYZ(51.4429, 65.5310, 61.1735)

Have a look what the booklet for
XYZ(51.4429, 65.5310, 61.1735)
contains.

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Color

**XYZ(51.3608, 65.3225,
60.9404)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E1C2
RGB	161, 225, 194
RGB Percent	63%, 88%, 76%
CMY	0.3686, 0.1176, 0.2392
CMYK	0.28, 0.00, 0.14, 0.12
HSL	151°, 52%, 76%
HSV	151°, 28%, 88%
XYZ	51.3608, 65.3225, 60.9404
YIQ	202.3300, -28.1930, -23.2090

Conversions

Conversions Part 2

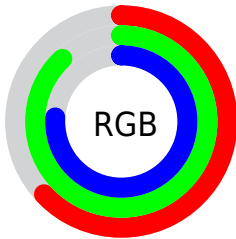
Format	Color
RYB	161, 203, 225
Decimal	10609090
CIELab	84.65, -26.58, 8.71
CIELCh	85, 27.970, 161.849
Yxy	65.3225, 0.2892, 0.3678
Android (android.graphics.Color)	4288799170 (0xFFA1E1C2)
YUV	202.3300, -4.1067, -36.2464
Hunter-Lab	80.8223, -28.0063, 11.8707

Details

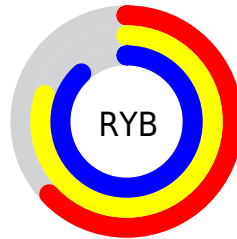
The XYZ color **51.3608, 65.3225, 60.9404** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.3130, 45.3048, 55.8069**, and the grayscale version is **56.3840, 59.3204, 64.5999**.

A 20% lighter version of the original color is **81.6306, 93.1738, 104.1244**, and **25.1059, 33.4575, 29.9457** is the 20% darker color. If you saturate the color by 10%, you get **46.0488, 62.7221, 54.5352**, and if you desaturate by 10%, it is **57.5821, 68.3848, 67.8596**.

Distribution



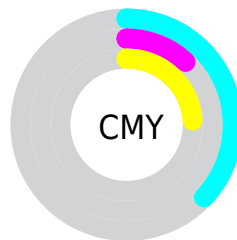
- Red (63%)
- Green (88%)
- Blue (76%)



- Red (63%)
- Yellow (80%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (37%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3608, 65.3225, 60.9404 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 51.3608, 65.3225, 60.9404 by changing the saturation by 10% instead.


 51.3608, 65.3225,
60.9404


 51.3608, 65.3225,
60.9404


382.3286,
443.9500, 445.9559

 36.7180, 47.7226,
43.7468


 91.3677, 112.5134,
107.7493

 25.1619, 33.6073,
30.1358


 117.4625,
142.8732, 138.2018

 16.3271, 22.5921,
19.6888


148.1055,
178.2551, 173.9109

 9.8482, 14.2926,
11.9872

183.6618,
219.0435, 215.2953

 5.3599, 8.3244,
6.6125

224.4969,
265.6228, 262.7734

 2.4969, 4.3032,
3.1462

270.9762,

 0.8937, 1.8446,

318.3774, 316.7639

1.1698

323.4649,
377.6916, 377.6852

0.0000, 0.5147,
0.0000

0.0000, 0.0000,
0.0000

51.3608, 65.3225,
60.9404

51.3608, 65.3225,
60.9404

46.0488, 62.7221,
54.5352

57.5821, 68.3848,
67.8596

41.5950, 60.5522,
48.6276


64.7497, 71.9226,
75.3002


37.9513, 58.7901,
43.2063


72.9050, 75.9587,
83.2747


35.0626, 57.4075,
38.2581


82.0852, 80.5122,
91.7942


 32.8663, 56.3723,
33.7689

 85.1870, 81.9210,
100.5350

 31.2887, 55.6469,
29.7238

 86.2164, 82.3328,
105.9555

 30.2228, 55.1764,
26.1056

 30.0795, 55.1140,
25.5794

Harmonies

Analogous

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



54.4149, 65.3225, 48.4593



51.3608, 65.3225, 60.9404



51.0603, 65.3225, 78.4234

Triad

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



51.3608, 65.3225, 60.9404



64.5857, 65.3225, 110.3728



71.4688, 65.3225, 50.5587

Complementary

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



51.3608, 65.3225, 60.9404



53.3130, 45.3048, 55.8069

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.



74.5970, 65.3225, 64.2943



51.3608, 65.3225, 60.9404



70.4485, 65.3225, 99.9426

Square

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



51.3608, 65.3225, 60.9404



58.4208, 65.3225, 109.0665



74.2115, 65.3225, 82.3857



65.9036, 65.3225, 43.1944

Rectangle

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



51.3608, 65.3225, 60.9404



52.4349, 65.3225, 90.8605



74.2115, 65.3225, 82.3857



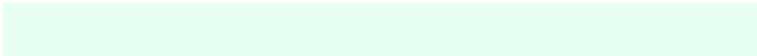
72.8565, 65.3225, 54.4768

Sweetspot

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



51.3626, 65.3252, 60.9419



85.3663, 95.2087, 99.3727



55.3528, 67.7640, 43.8817



17.9586, 20.2238, 20.9519



0.0000, 0.0000, 0.0000



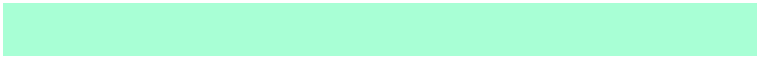
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3626, 65.3252, 60.9419



63.9829, 84.6820, 75.9254



55.2160, 66.8666, 81.2336



13.8223, 15.4547, 16.0997



17.3918, 31.7816, 15.0520



1.2507, 2.2210, 1.2814

Inverse Universe

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



53.3130, 45.3048, 55.8069



66.9681, 54.0442, 68.0693



50.2312, 44.0721, 39.5786



13.9825, 13.8106, 15.6779



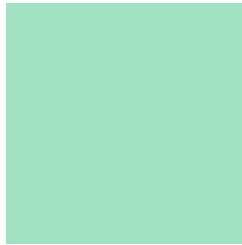
19.5421, 9.8838, 9.5202



1.3997, 0.7031, 0.8974

Previews

White Background



This preview shows how the XYZ color 51.3608, 65.3225, 60.9404 looks on a white background.

Color Contrast Check

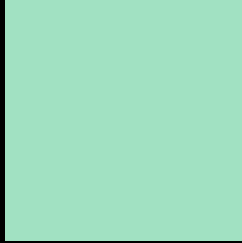
Large Text (above 18pt) WCAG AA × Fail

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 51.3608, 65.3225, 60.9404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

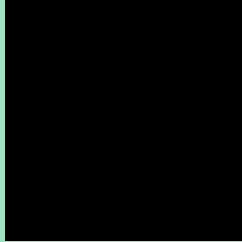
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3608, 65.3225, 60.9404

Background



This preview shows how black text looks on a background with the XYZ color 51.3608, 65.3225, 60.9404.



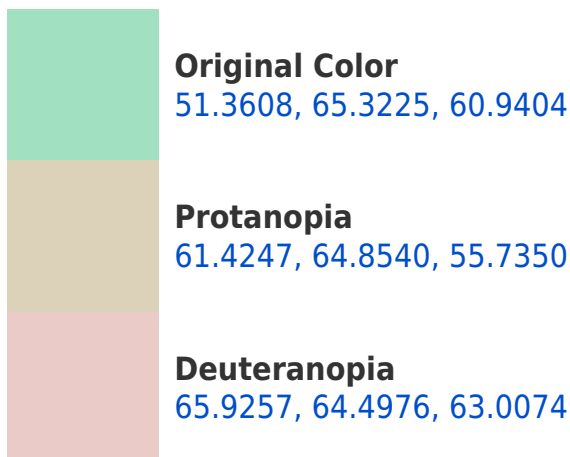
This preview shows how white text looks on a background with the XYZ color 51.3608, 65.3225,

60.9404.

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

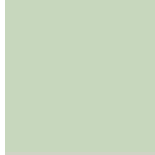
57.0494, 65.2652, 88.9475

Trichromacy



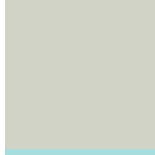
Original Color

51.3608, 65.3225, 60.9404



Protanomaly

57.0389, 64.4171, 57.5716



Deuteranomaly

59.3847, 64.0296, 62.0524



Tritanomaly

54.8439, 65.1489, 78.0910

Monochromacy



Original Color

51.3608, 65.3225, 60.9404



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.8489, 60.7815, 62.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3608, 65.3225, 60.9404 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(161, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 225, 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(161, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 225, 194) }
```

Border

The CSS property to change the border of an element to XYZ 51.3608, 65.3225, 60.9404 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(161, 225, 194) }
```


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

```
.border{ border-color:rgb(161, 225, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 225, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 225, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 225, 194); box-shadow:4px 4px 4px 4px rgb(161, 225, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3608, 65.3225, 60.9404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 225, 194) }
```

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

```
.background{ background-color: rgb(161,  
225, 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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