

Converting Colors

XYZ(52.6841, 65.6590, 65.7167)

Have a look what the booklet for
XYZ(52.6841, 65.6590, 65.7167)
contains.

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Color

**XYZ(52.6262, 65.4681,
65.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	A4E0CA
RGB	164, 224, 202
RGB Percent	64%, 88%, 79%
CMY	0.3569, 0.1216, 0.2078
CMYK	0.27, 0.00, 0.10, 0.12
HSL	158°, 49%, 76%
HSV	158°, 27%, 88%
XYZ	52.6262, 65.4681, 65.7400
YIQ	203.5520, -28.6980, -19.5620

Conversions

Conversions Part 2

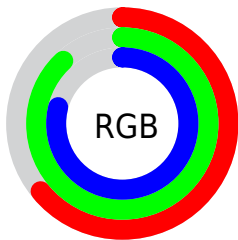
Format	Color
RYB	164, 201, 224
Decimal	10805450
CIELab	84.72, -23.58, 4.62
CIELCh	85, 24.032, 168.907
Yxy	65.4681, 0.2863, 0.3561
Android (android.graphics.Color)	4288995530 (0xFFA4E0CA)
YUV	203.5520, -0.7651, -34.6871
Hunter-Lab	80.9124, -25.4985, 8.4665

Details

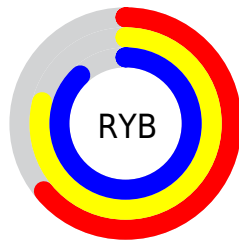
The XYZ color **52.6262, 65.4681, 65.7400** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8812, 45.9451, 52.5384**, and the grayscale version is **57.1310, 60.1063, 65.4557**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **26.0888, 33.8936, 33.1841** is the 20% darker color. If you saturate the color by 10%, you get **47.4577, 62.9148, 60.5563**, and if you desaturate by 10%, it is **58.6643, 68.4672, 71.2374**.

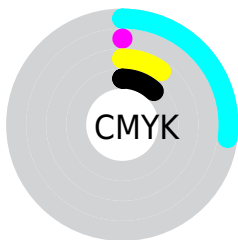
Distribution



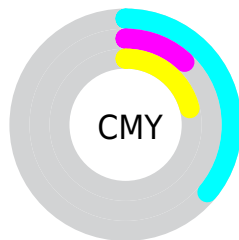
- Red (64%)
- Green (88%)
- Blue (79%)



- Red (64%)
- Yellow (79%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (36%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6262, 65.4681, 65.7400 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 52.6262, 65.4681, 65.7400 by changing the saturation by 10% instead.

 52.6262, 65.4681,
65.7400

 52.6262, 65.4681,
65.7400


387.1337,
444.4722, 463.8253

 37.7307, 47.8407,
47.6062


 93.2229, 112.7226,
114.7365

 25.9500, 33.7008,
33.1574


 119.6548,
143.1185, 146.4364

 16.9187, 22.6638,
21.9749


150.6629,
178.5394, 183.4953

 10.2715, 14.3455,
13.6403

186.6125,
219.3696, 226.3318

 5.6430, 8.3613,
7.7351

227.8691,
265.9936, 275.3646

 2.6678, 4.3270,
3.8406

274.7979,

 0.9806, 1.8581,

318.7958, 331.0120

1.5383

327.7643,
378.1605, 393.6927

■ 0.0000, 0.5230,
0.2462

■ 0.0000, 0.0000,
0.0000

■ 52.6262, 65.4681,
65.7400

■ 52.6262, 65.4681,
65.7400

■ 47.4577, 62.9148,
60.5563

■ 58.6643, 68.4672,
71.2374

■ 43.1099, 60.7769,
55.6758

■ 65.6070, 71.9248,
77.0502

■ 39.5371, 59.0328,
51.0934

■ 73.4937, 75.8630,
83.1855

■ 36.6868, 57.6555,
46.8024

■ 82.3601, 80.2999,
89.6488

■ 34.4999, 56.6145,
42.7954

■ 84.0855, 81.0492,
96.0640

■ 32.9070, 55.8743,
39.0647

■ 85.3547, 81.5568,
102.7476

■ 31.8195, 55.3891,
35.6013

■ 85.9468, 81.7937,
105.8656

■ 31.5290, 55.2625,
34.5419

Harmonies

Analogous

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



54.7583, 65.4681, 53.5479



52.6262, 65.4681, 65.7400



52.9528, 65.4681, 81.3092

Triad

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



52.6262, 65.4681, 65.7400



65.6341, 65.4681, 103.1056



69.2674, 65.4681, 51.2259

Complementary

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



52.6262, 65.4681, 65.7400



52.8812, 45.9451, 52.5384

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.



72.5220, 65.4681, 62.1180



52.6262, 65.4681, 65.7400



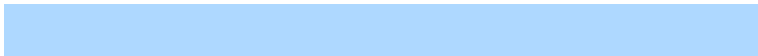
70.3424, 65.4681, 92.5578

Square

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



52.6262, 65.4681, 65.7400



60.2584, 65.4681, 104.4462



72.9263, 65.4681, 77.1305



64.2349, 65.4681, 46.0083

Rectangle

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



52.6262, 65.4681, 65.7400



54.5259, 65.4681, 91.5321



72.9263, 65.4681, 77.1305



70.6177, 65.4681, 54.2659

Sweetspot

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



52.6280, 65.4708, 65.7415



86.7578, 95.8617, 102.3470



53.8522, 66.5593, 45.1320



18.2557, 20.3618, 21.6494



0.0000, 0.0000, 0.0000



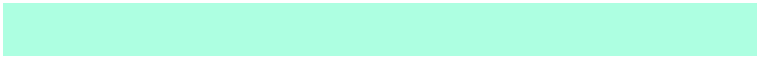
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6280, 65.4708, 65.7415



66.6833, 85.8904, 84.3534



53.5794, 62.9027, 79.8417



13.8922, 15.4826, 16.4675



18.4085, 32.1882, 20.4058



1.3186, 2.2482, 1.6390

Inverse Universe

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



52.8812, 45.9451, 52.5384



67.0784, 55.6280, 63.9036



52.0063, 47.6552, 41.5804



13.9140, 13.7832, 15.3171



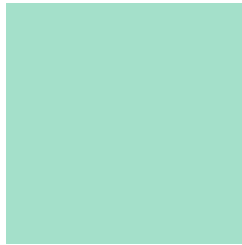
18.8335, 9.6004, 5.7890



1.3475, 0.6823, 0.6230

Previews

White Background



This preview shows how the XYZ color 52.6262, 65.4681, 65.7400 looks on a white background.

Color Contrast Check

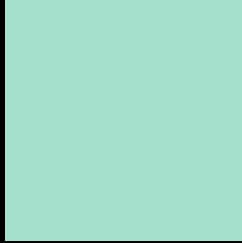
Large Text (above 18pt) WCAG AA × Fail

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 52.6262, 65.4681, 65.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

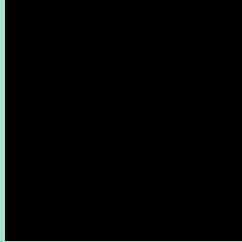
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

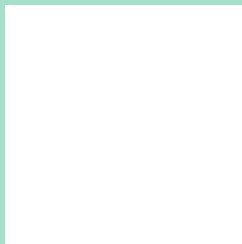
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6262, 65.4681, 65.7400

Background



This preview shows how black text looks on a background with the XYZ color 52.6262, 65.4681, 65.7400.



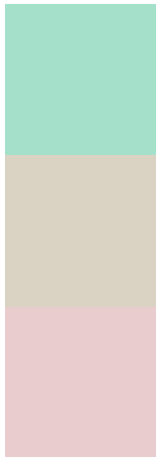
This preview shows how white text looks on a background with the XYZ color 52.6262, 65.4681,

65.7400.

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

52.6262, 65.4681, 65.7400

Protanopia

61.6976, 64.8937, 60.3128

Deuteranopia

66.3377, 64.9656, 67.4358



Tritanopia

57.4122, 65.4354, 89.7251

Trichromacy



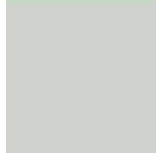
Original Color

52.6262, 65.4681, 65.7400



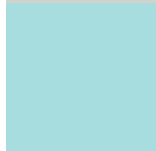
Protanomaly

57.6672, 64.6379, 62.2603



Deuteranomaly

60.3261, 64.4062, 67.0097



Tritanomaly

55.4594, 65.4196, 80.2252

Monochromacy



Original Color

52.6262, 65.4681, 65.7400



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.0600, 61.7191, 65.5109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6262, 65.4681, 65.7400 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(164, 224, 202)` looks like.

```
.text, #text, p{  
    color:rgb(164, 224, 202)  
}
```

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(164, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 224, 202) }
```

Border

The CSS property to change the border of an element to XYZ 52.6262, 65.4681, 65.7400 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(164, 224, 202) }
```


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

```
.border{ border-color:rgb(164, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(164, 224,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6262, 65.4681, 65.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 224, 202) }
```

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

```
.background{ background-color: rgb(164,  
224, 202) }
```

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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