

Converting Colors

XYZ(52.3354, 62.8661, 83.8984)

Have a look what the booklet for
XYZ(52.3354, 62.8661, 83.8984)
contains.

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Color

**XYZ(52.3769, 62.9555,
84.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	97DBE6
RGB	151, 219, 230
RGB Percent	59%, 86%, 90%
CMY	0.4078, 0.1412, 0.0980
CMYK	0.34, 0.05, 0.00, 0.10
HSL	188°, 61%, 75%
HSV	188°, 34%, 90%
XYZ	52.3769, 62.9555, 84.2540
YIQ	199.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

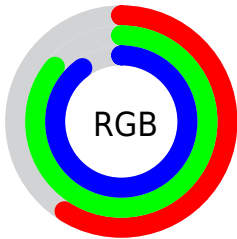
Format	Color
RYB	151, 188, 230
Decimal	9952230
CIELab	83.42, -18.61, -12.20
CIELCh	83, 22.250, 213.259
Yxy	62.9555, 0.2624, 0.3154
Android (android.graphics.Color)	4288142310 (0xFF97DBE6)
YUV	199.9220, 14.8285, -42.9046
Hunter-Lab	79.3445, -21.0214, -7.4175

Details

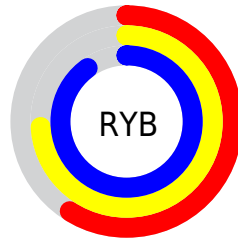
The XYZ color **52.3769, 62.9555, 84.2540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1402, 44.8986, 35.2504**, and the grayscale version is **54.7843, 57.6373, 62.7670**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **25.8372, 32.1329, 45.3979** is the 20% darker color. If you saturate the color by 10%, you get **47.6909, 59.3131, 83.7990**, and if you desaturate by 10%, it is **57.9154, 67.0643, 84.7562**.

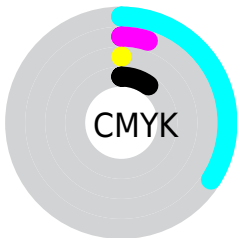
Distribution



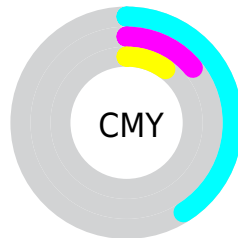
- Red (59%)
- Green (86%)
- Blue (90%)



- Red (59%)
- Yellow (74%)
- Blue (90%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)





- Cyan (41%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3769, 62.9555, 84.2540 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 52.3769, 62.9555, 84.2540 by changing the saturation by 10% instead.


 52.3769, 62.9555,
84.2540


 52.3769, 62.9555,
84.2540


386.1900,
435.4080, 529.2364

 37.5311, 45.8052,
62.6786


 92.8578, 109.1053,
141.1953

 25.7945, 32.0921,
45.1419

 119.2236,
138.8736, 177.3983

 16.8018, 21.4319,
31.2254

150.1600,
173.6167, 219.3142

 10.1877, 13.4401,
20.5107

186.0325,
213.7190, 267.3615

 5.5868, 7.7323,
12.5790

227.2064,
259.5649, 321.9589

 2.6338, 3.9241,
7.0120

274.0471,

 0.9632, 1.6312,

311.5387, 383.5248

3.3911

326.9198,
370.0250, 452.4778

■ 0.0000, 0.3785,
1.2976

■ 0.0000, 0.0000,
0.0598

■ 52.3769, 62.9555,
84.2540

■ 52.3769, 62.9555,
84.2540

■ 47.6909, 59.3131,
83.7990

■ 57.9154, 67.0643,
84.7562

■ 43.8030, 56.1043,
83.3846

■ 64.3456, 71.6552,
85.3035

■ 40.6614, 53.3038,
83.0096

■ 71.7109, 76.7523,
85.8991

■ 38.2055, 50.8804,
82.6713

■ 80.0502, 82.3758,
86.5450

■ 36.3654, 48.7977,
82.3662

■ 85.2353, 86.3976,
87.0480

■ 35.0554, 47.0114,
82.0905

■ 86.1604, 88.2478,
87.3564

■ 34.4732, 46.0934,
81.9440

■ 87.1021, 90.1312,
87.6703

■ 88.0604, 92.0479,
87.9897

■ 89.0355, 93.9981,
88.3148

Harmonies

Analogous

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



51.0058, 62.9555, 70.0765



52.3769, 62.9555, 84.2540



55.7406, 62.9555, 95.2566

Triad

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



52.3769, 62.9555, 84.2540



68.5530, 62.9555, 81.2741



59.3090, 62.9555, 45.2020

Complementary

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



52.3769, 62.9555, 84.2540



51.1402, 44.8986, 35.2504

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.



64.1300, 62.9555, 47.3659



52.3769, 62.9555, 84.2540



69.6336, 62.9555, 67.0416

Square

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



52.3769, 62.9555, 84.2540



65.0959, 62.9555, 93.3795



67.9745, 62.9555, 54.9260



54.8699, 62.9555, 48.5618

Rectangle

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



52.3769, 62.9555, 84.2540



58.7499, 62.9555, 98.6208



67.9745, 62.9555, 54.9260



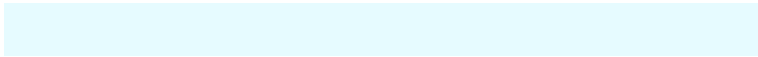
60.9381, 62.9555, 45.3092

Sweetspot

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



52.3788, 62.9580, 84.2555



85.1608, 93.2363, 108.1157



47.5408, 65.7662, 44.1552



17.9516, 19.7644, 23.1187



0.0000, 0.0000, 0.0000



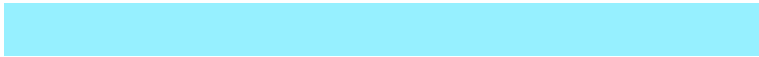
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3788, 62.9580, 84.2555



62.0020, 76.3296, 106.0730



43.3613, 44.9230, 81.2496



14.6274, 15.9762, 18.4571



19.5842, 26.2305, 46.4140



1.4945, 2.0330, 3.4456

Inverse Universe

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



56.4874, 44.0722, 72.5502



68.0127, 49.5344, 88.7618



59.1147, 60.8475, 37.9086



14.9043, 14.5789, 17.6963



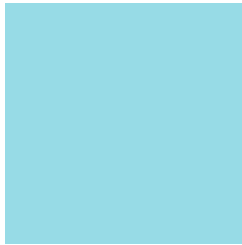
24.2787, 11.8457, 31.4264



1.8180, 0.8849, 2.4480

Previews

White Background



This preview shows how the XYZ color 52.3769, 62.9555, 84.2540 looks on a white background.

Color Contrast Check

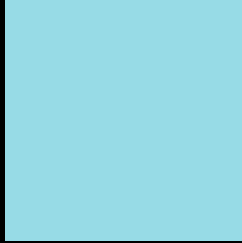
Large Text (above 18pt) WCAG AA × Fail

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 52.3769, 62.9555, 84.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

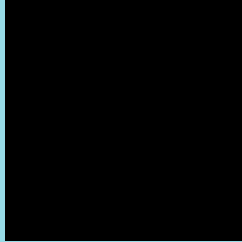
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3769, 62.9555, 84.2540

Background



This preview shows how black text looks on a background with the XYZ color 52.3769, 62.9555, 84.2540.



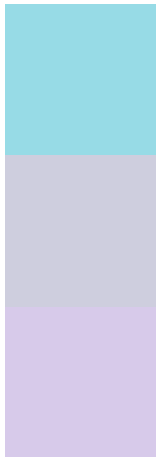
This preview shows how white text looks on a background with the XYZ color 52.3769, 62.9555,

84.2540.

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

52.3769, 62.9555, 84.2540

Protanopia

60.7097, 62.5384, 77.9786

Deuteranopia

63.9961, 62.6286, 86.5575



Tritanopia

53.1606, 62.8743, 88.6910

Trichromacy



Original Color

52.3769, 62.9555, 84.2540

Protanomaly

57.1346, 62.4639, 80.2796

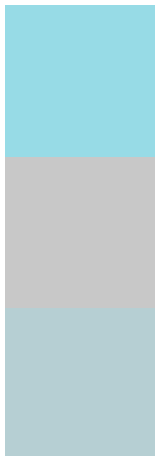
Deuteranomaly

59.0021, 62.2014, 85.9871

Tritanomaly

52.8716, 62.7587, 87.1689

Monochromacy



Original Color

52.3769, 62.9555, 84.2540

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3621, 59.2739, 70.2565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3769, 62.9555, 84.2540 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(151, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(151, 219, 230)  
}
```

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(151, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 219, 230) }
```

Border

The CSS property to change the border of an element to XYZ 52.3769, 62.9555, 84.2540 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(151, 219, 230) }
```


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

```
.border{ border-color:rgb(151, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(151, 219,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3769, 62.9555, 84.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 219, 230) }
```

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

```
.background{ background-color: rgb(151,  
219, 230) }
```

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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