

Converting Colors

XYZ(44.2364, 62.4867, 77.9284)

Have a look what the booklet for
XYZ(44.2364, 62.4867, 77.9284)
contains.

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Color

**XYZ(44.2742, 62.5011,
78.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	52E4DD
RGB	82, 228, 221
RGB Percent	32%, 89%, 87%
CMY	0.6784, 0.1059, 0.1333
CMYK	0.64, 0.00, 0.03, 0.11
HSL	177°, 73%, 61%
HSV	177°, 64%, 89%
XYZ	44.2742, 62.5011, 78.1370
YIQ	183.5480, -84.7690, -33.1290

Conversions

Conversions Part 2

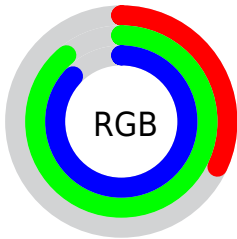
Format	Color
R_{YB}	82, 157, 228
Decimal	5432541
CIE Lab	83.18, -39.91, -8.06
CIE LCh	83, 40.711, 191.419
Yxy	62.5011, 0.2394, 0.3380
Android (android.graphics.Color)	4283622621 (0xFF52E4DD)
YUV	183.5480, 18.4638, -89.0576
Hunter-Lab	79.0576, -38.3865, -3.2592

Details

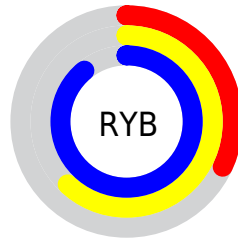
The XYZ color **44.2742, 62.5011, 78.1370** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.8175, 23.2517, 12.0008**, and the grayscale version is **45.2478, 47.6042, 51.8409**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **21.6355, 32.2582, 41.1625** is the 20% darker color. If you saturate the color by 10%, you get **42.4664, 61.5874, 77.2956**, and if you desaturate by 10%, it is **46.7451, 63.7594, 79.0171**.

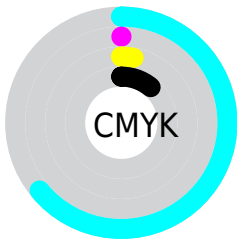
Distribution



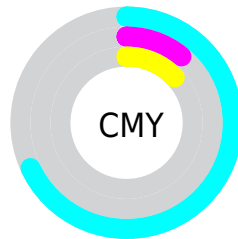
- Red (32%)
- Green (89%)
- Blue (87%)



- Red (32%)
- Yellow (62%)
- Blue (89%)



- Cyan (64%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (68%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2742, 62.5011, 78.1370 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 44.2742, 62.5011, 78.1370 by changing the saturation by 10% instead.

44.2742, 62.5011,
78.1370

44.2742, 62.5011,
78.1370

354.6594,
433.7566, 508.1722

31.0850, 45.4377,
57.6694

80.8740, 108.4494,
132.5309

20.8157, 31.8023,
41.1300

105.0152,
138.1032, 167.2942

13.1010, 21.2106,
28.1002

133.5379,
172.7225, 207.6599

7.5756, 13.2780,
18.1615

166.8073,
212.6918, 254.0464

3.8741, 7.6203,
10.8954

205.1888,
258.3955, 306.8724

1.6312, 3.8529,
5.8832

249.0477,

0.4126, 1.5916,

310.2179, 366.5563

2.7066

298.7495,
368.5435, 433.5168

■ 0.0000, 0.3520,
0.9467

■ 0.0000, 0.0000,
0.0000

■ 44.2742, 62.5011,
78.1370

■ 44.2742, 62.5011,
78.1370

■ 42.4664, 61.5874,
77.2956

■ 46.7451, 63.7594,
79.0171

■ 41.2480, 60.9759,
76.4854


■ 49.9324, 65.3855,
79.9344


■ 40.5378, 60.6264,
75.7039


■ 53.8902, 67.4088,
80.8926


■ 40.2777, 60.5021,
75.2475


■ 58.6661, 69.8536,
81.8942

 64.3037, 72.7425,
82.9410

 70.8435, 76.0965,
84.0351

 78.3234, 79.9350,
85.1782

 83.2322, 82.4479,
86.2059

 83.3860, 82.5094,
87.0162

Harmonies

Analogous

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



44.7268, 62.5011, 53.7104



44.2742, 62.5011, 78.1370



47.5657, 62.5011, 105.5394

Triad

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



44.2742, 62.5011, 78.1370



71.3555, 62.5011, 111.3967



64.9791, 62.5011, 31.5958

Complementary

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



44.2742, 62.5011, 78.1370



36.8175, 23.2517, 12.0008

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.



73.0629, 62.5011, 40.6961



44.2742, 62.5011, 78.1370



76.9883, 62.5011, 84.7456

Square

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



44.2742, 62.5011, 78.1370



62.8293, 62.5011, 127.6800



77.6424, 62.5011, 58.8763



56.1082, 62.5011, 30.6629

Rectangle

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



44.2742, 62.5011, 78.1370



51.6504, 62.5011, 120.2813



77.6424, 62.5011, 58.8763



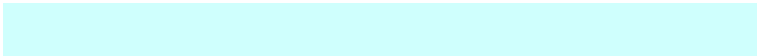
67.9002, 62.5011, 33.6719

Sweetspot

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



44.2761, 62.5035, 78.1385



79.0447, 91.7919, 106.2099



33.4170, 58.2372, 17.4638



16.4820, 19.4234, 22.6507



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.



44.2761, 62.5035, 78.1385



54.1136, 79.0674, 99.2630



30.4586, 33.3442, 78.2321



14.7760, 16.3238, 18.3513



23.2700, 34.9401, 43.5177



1.7288, 2.5857, 3.2646

Inverse Universe

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



36.8175, 23.2517, 12.0008



43.8315, 24.7702, 7.9505



44.0631, 38.1915, 13.0334



14.4049, 14.3791, 15.0665



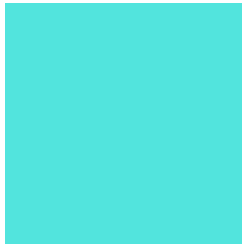
18.5219, 9.5430, 1.1116



1.3786, 0.7092, 0.1345

Previews

White Background



This preview shows how the XYZ color 44.2742, 62.5011, 78.1370 looks on a white background.

Color Contrast Check

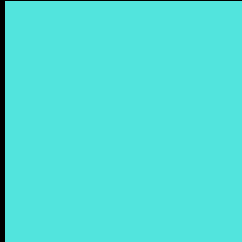
Large Text (above 18pt) WCAG AA × Fail

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 44.2742, 62.5011, 78.1370 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

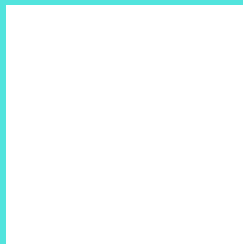
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2742, 62.5011, 78.1370

Background



This preview shows how black text looks on a background with the XYZ color 44.2742, 62.5011, 78.1370.

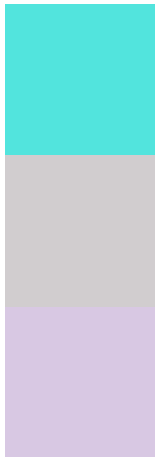


This preview shows how white text looks on a background with the XYZ color 44.2742, 62.5011,

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

44.2742, 62.5011, 78.1370

Protanopia

59.3883, 61.7229, 67.8151

Deuteranopia

62.8383, 61.4535, 81.2228



Tritanopia

47.5165, 62.5968, 94.3720

Trichromacy



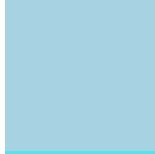
Original Color

44.2742, 62.5011, 78.1370



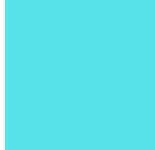
Protanomaly

50.7822, 60.1285, 71.2168



Deuteranomaly

52.5736, 59.7449, 79.9952



Tritanomaly

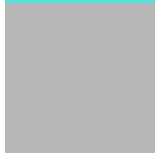
46.2163, 62.4656, 88.2185

Monochromacy



Original Color

44.2742, 62.5011, 78.1370



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.7649, 51.5428, 60.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2742, 62.5011, 78.1370 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(82, 228, 221)` looks like.

```
.text, #text, p{  
    color:rgb(82, 228, 221)  
}
```

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(82, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 228, 221) }
```

Border

The CSS property to change the border of an element to XYZ 44.2742, 62.5011, 78.1370 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(82, 228, 221) }
```


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

```
.border{ border-color:rgb(82, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(82, 228,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2742, 62.5011, 78.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 228, 221) }
```

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

```
.background{ background-color: rgb(82, 228,  
221) }
```

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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