

Converting Colors

XYZ(43.0513, 62.0658, 50.7852)

Have a look what the booklet for
XYZ(43.0513, 62.0658, 50.7852)
contains.

XYZ(43.0513, 62.0658, 50.7852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0513, 62.0658,
50.7852)**

Conversions

Conversions Part 1

Format	Color
Hex	78E3B0
RGB	120, 227, 176
RGB Percent	47%, 89%, 69%
CMY	0.5294, 0.1098, 0.3098
CMYK	0.47, 0.00, 0.22, 0.11
HSL	151°, 66%, 68%
HSV	151°, 47%, 89%
XYZ	43.0513, 62.0658, 50.7852
YIQ	189.1930, -47.4010, -38.5450

Conversions

Conversions Part 2

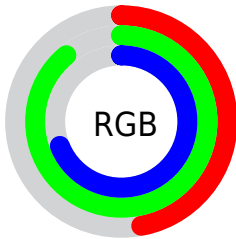
Format	Color
RYB	120, 190, 227
Decimal	7922608
CIELab	82.95, -42.51, 15.50
CIELCh	83, 45.249, 159.972
Yxy	62.0658, 0.2761, 0.3981
Android (android.graphics.Color)	4286112688 (0xFF78E3B0)
YUV	189.1930, -6.5041, -60.6823
Hunter-Lab	78.7819, -40.3247, 16.9271

Details

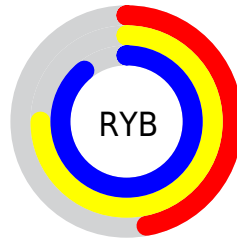
The XYZ color **43.0513, 62.0658, 50.7852** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **45.7478, 32.7056, 42.4321**, and the grayscale version is **48.5371, 51.0648, 55.6096**.

A 20% lighter version of the original color is **68.4570, 86.6933, 89.4694**, and **20.0625, 31.5480, 23.7709** is the 20% darker color. If you saturate the color by 10%, you get **39.2403, 60.2217, 45.2400**, and if you desaturate by 10%, it is **47.6972, 64.3338, 56.8177**.

Distribution



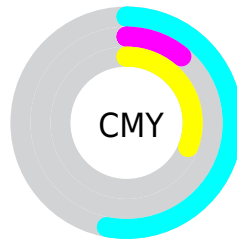
- Red (47%)
- Green (89%)
- Blue (69%)



- Red (47%)
- Yellow (75%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)





- Cyan (53%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0513, 62.0658, 50.7852 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 43.0513, 62.0658, 50.7852 by changing the saturation by 10% instead.


 43.0513, 62.0658,
50.7852


 43.0513, 62.0658,
50.7852


349.7406,
432.1711, 406.5514

 30.1201, 45.0859,
35.6622


 79.0435, 107.8206,
92.7454

 20.0783, 31.5251,
23.8858


 102.8352,
137.3643, 120.4197

 12.5605, 20.9990,
15.0375


 130.9777,
171.8647, 153.1148

 7.2015, 13.1233,
8.6988

163.8364,
211.7062, 191.2492

 3.6359, 7.5135,
4.4511

201.7767,
257.2732, 235.2416

 1.4983, 3.7853,
1.8759

245.1640,

 0.3247, 1.5542,

308.9501, 285.5103

0.4774

294.3635,
367.1212, 342.4741

■ 0.0000, 0.3264,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0513, 62.0658,
50.7852

■ 43.0513, 62.0658,
50.7852

■ 39.2403, 60.2217,
45.2400

■ 47.6972, 64.3338,
56.8177

■ 36.2037, 58.7654,
40.1648


■ 53.2231, 67.0438,
63.3456


■ 33.8804, 57.6675,
35.5475

■ 59.6770, 70.2218,
70.3821


■ 32.1970, 56.8903,
31.3736


■ 67.1016, 73.8898,
77.9385


 31.0583, 56.3850,
27.6268

 75.5368, 78.0680,
86.0259

 30.7881, 56.2676,
26.6288

 84.5758, 82.5466,
94.6340

 86.2401, 83.2124,
103.3982

 86.7602, 83.4204,
106.1367

Harmonies

Analogous

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



47.7333, 62.0658, 34.1788



43.0513, 62.0658, 50.7852



42.3645, 62.0658, 77.3247

Triad

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



43.0513, 62.0658, 50.7852



62.3030, 62.0658, 135.5783



74.5823, 62.0658, 38.5867

Complementary

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



43.0513, 62.0658, 50.7852



45.7478, 32.7056, 42.4321

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.



79.4833, 62.0658, 58.6888



43.0513, 62.0658, 50.7852



71.8942, 62.0658, 117.7320

Square

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



43.0513, 62.0658, 50.7852



52.7921, 62.0658, 131.7346



78.4487, 62.0658, 87.7188



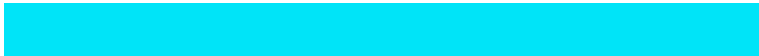
65.6585, 62.0658, 28.6022

Rectangle

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



43.0513, 62.0658, 50.7852



44.1758, 62.0658, 98.1590



78.4487, 62.0658, 87.7188



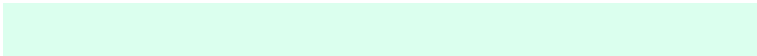
76.7972, 62.0658, 44.1181

Sweetspot

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



43.0530, 62.0683, 50.7866



80.4940, 92.7987, 94.5458



47.8124, 65.0355, 27.8033



16.7980, 19.6500, 19.7891



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.



43.0530, 62.0683, 50.7866



50.9800, 78.3458, 58.7333



48.5967, 63.5094, 82.3732



14.5028, 16.2146, 16.9126



18.0144, 32.8379, 15.8422



1.3781, 2.4454, 1.4176

Inverse Universe

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



45.7478, 32.7056, 42.4321



54.9079, 35.5884, 46.5864



42.0035, 31.5543, 21.6469



14.6616, 14.4818, 16.4185



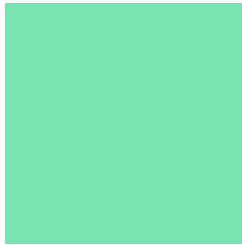
20.1180, 10.1814, 9.5162



1.5333, 0.7710, 0.9491

Previews

White Background



This preview shows how the XYZ color 43.0513, 62.0658, 50.7852 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 43.0513, 62.0658, 50.7852 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

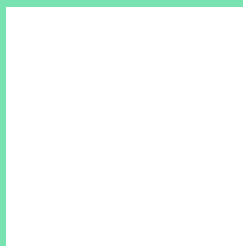
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0513, 62.0658, 50.7852

Background



This preview shows how black text looks on a background with the XYZ color 43.0513, 62.0658, 50.7852.



This preview shows how white text looks on a background with the XYZ color 43.0513, 62.0658, 50.7852.

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

43.0513, 62.0658, 50.7852

Protanopia

57.5363, 61.2847, 44.3939

Deuteranopia

62.2419, 61.0892, 52.7669



Tritanopia

50.7709, 62.0117, 89.4143

Trichromacy



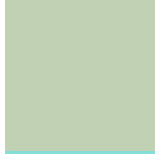
Original Color

43.0513, 62.0658, 50.7852



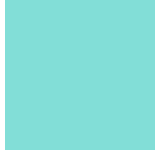
Protanomaly

50.2471, 60.3982, 46.5458



Deuteranomaly

52.7769, 60.1027, 51.9994



Tritanomaly

47.5929, 61.8947, 73.7284

Monochromacy



Original Color

43.0513, 62.0658, 50.7852



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.3175, 54.0651, 53.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0513, 62.0658, 50.7852 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(120, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(120, 227, 176)  
}
```

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(120, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 227, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.0513, 62.0658, 50.7852 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(120, 227, 176) }
```


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

```
.border{ border-color:rgb(120, 227, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 227, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 227, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 227, 176);  
box-shadow:4px 4px 4px 4px rgb(120, 227,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0513, 62.0658, 50.7852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 227, 176) }
```

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

```
.background{ background-color: rgb(120,  
227, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor