

Converting Colors

XYZ(44.3143, 62.4461, 63.2389)

Have a look what the booklet for
XYZ(44.3143, 62.4461, 63.2389)
contains.

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Color

**XYZ(44.3442, 62.4601,
63.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	70E3C6
RGB	112, 227, 198
RGB Percent	44%, 89%, 78%
CMY	0.5608, 0.1098, 0.2235
CMYK	0.51, 0.00, 0.13, 0.11
HSL	165°, 67%, 66%
HSV	165°, 51%, 89%
XYZ	44.3442, 62.4601, 63.1449
YIQ	189.3090, -59.2310, -33.3990

Conversions

Conversions Part 2

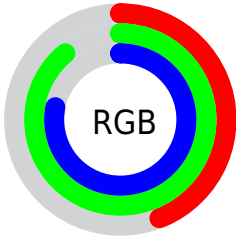
Format	Color
RYB	112, 178, 227
Decimal	7398342
CIELab	83.16, -39.61, 4.18
CIELCh	83, 39.827, 173.980
Yxy	62.4601, 0.2609, 0.3675
Android (android.graphics.Color)	4285588422 (0xFF70E3C6)
YUV	189.3090, 4.2847, -67.8000
Hunter-Lab	79.0317, -38.1502, 7.9506

Details

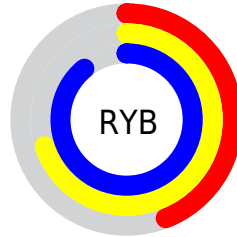
The XYZ color **44.3442, 62.4601, 63.1449** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.2825, 29.8440, 28.7335**, and the grayscale version is **48.5487, 51.0770, 55.6228**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **20.8636, 31.7924, 31.4225** is the 20% darker color. If you saturate the color by 10%, you get **41.1643, 60.8972, 59.6149**, and if you desaturate by 10%, it is **48.2806, 64.4132, 66.8433**.

Distribution



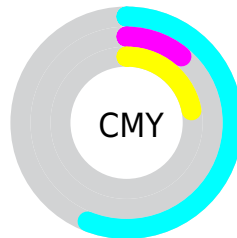
- Red (44%)
- Green (89%)
- Blue (78%)



- Red (44%)
- Yellow (70%)
- Blue (89%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (56%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3442, 62.4601, 63.1449 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 44.3442, 62.4601, 63.1449 by changing the saturation by 10% instead.


 44.3442, 62.4601,
63.1449


 44.3442, 62.4601,
63.1449


354.9396,
433.6074, 454.2176


 31.1403, 45.4046,
45.5167


 80.9786, 108.3902,
110.9661

 20.8580, 31.7762,
31.5187


 105.1397,
138.0336, 141.9962

 13.1321, 21.1906,
20.7324


 133.6840,
172.6418, 178.3307

 7.5972, 13.2634,
12.7392

166.9767,
212.5990, 220.3881

 3.8879, 7.6102,
7.1206

205.3833,
258.2898, 268.5869

 1.6389, 3.8465,
3.4580

249.2691,

 0.4176, 1.5881,

310.0986, 323.3458

1.3330

298.9994,
368.4096, 385.0831

■ 0.0000, 0.3496,
0.0886

■ 0.0000, 0.0000,
0.0000

■ 44.3442, 62.4601,
63.1449

■ 44.3442, 62.4601,
63.1449

■ 41.1643, 60.8972,
59.6149

■ 48.2806, 64.4132,
66.8433

■ 38.6795, 59.6883,
56.2450


■ 53.0185, 66.7750,
70.7096


■ 36.8274, 58.8027,
53.0322


■ 58.6054, 69.5716,
74.7487


■ 35.5316, 58.2011,
49.9714


■ 65.0837, 72.8247,
78.9639


 34.7027, 57.8333,
47.2429

 72.4929, 76.5547,
83.3585

 80.8701, 80.7806,
87.9354

 84.1539, 82.3778,
92.4124

 85.0090, 82.7198,
96.9154

 85.8911, 83.0727,
101.5605

Harmonies

Analogous

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



46.9296, 62.4601, 43.7123



44.3442, 62.4601, 63.1449



45.4574, 62.4601, 89.2124

Triad

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



44.3442, 62.4601, 63.1449



66.3702, 62.4601, 121.3349



69.6705, 62.4601, 36.3542

Complementary

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



44.3442, 62.4601, 63.1449



42.2825, 29.8440, 28.7335

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.



75.8576, 62.4601, 50.4624



44.3442, 62.4601, 63.1449



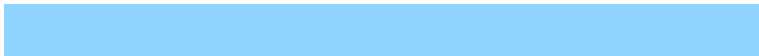
73.8267, 62.4601, 99.9627

Square

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



44.3442, 62.4601, 63.1449



57.6430, 62.4601, 127.0724



77.4476, 62.4601, 73.1155



61.1239, 62.4601, 30.8459

Rectangle

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



44.3442, 62.4601, 63.1449



48.2072, 62.4601, 106.6408



77.4476, 62.4601, 73.1155



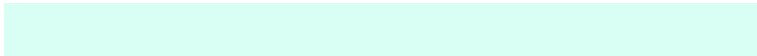
72.1272, 62.4601, 40.0546

Sweetspot

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



44.3460, 62.4626, 63.1463



80.8365, 92.8476, 100.3304



41.6657, 61.9205, 25.0862



16.9221, 19.6823, 21.2262



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.



44.3460, 62.4626, 63.1463



53.3200, 79.1441, 77.2771



41.2420, 50.3788, 80.2262



14.6440, 16.2710, 17.6561



20.2872, 33.7470, 27.8105



1.5359, 2.5085, 2.2487

Inverse Universe

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



42.2825, 29.8440, 28.7335



50.3813, 32.1239, 27.8482



43.8137, 35.9196, 19.9543



14.5254, 14.4273, 15.7010



18.9490, 9.7138, 3.3605



1.4370, 0.7325, 0.4418

Previews

White Background



This preview shows how the XYZ color 44.3442, 62.4601, 63.1449 looks on a white background.

Color Contrast Check

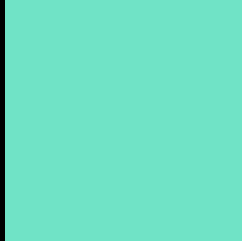
Large Text (above 18pt) WCAG AA × Fail

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 44.3442, 62.4601, 63.1449 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

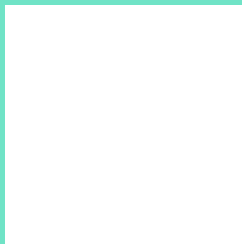
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3442, 62.4601, 63.1449

Background



This preview shows how black text looks on a background with the XYZ color 44.3442, 62.4601, 63.1449.



This preview shows how white text looks on a background with the XYZ color 44.3442, 62.4601,

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

44.3442, 62.4601, 63.1449

Protanopia

58.4258, 61.5040, 55.2465

Deuteranopia

62.6865, 61.3752, 65.6694



Tritanopia

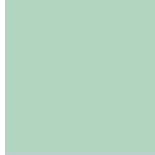
49.8939, 62.3049, 91.0577

Trichromacy



Original Color

44.3442, 62.4601, 63.1449



Protanomaly

51.2200, 60.6533, 57.7229



Deuteranomaly

53.4687, 60.1795, 64.6748



Tritanomaly

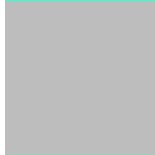
47.5880, 62.1502, 80.0091

Monochromacy



Original Color

44.3442, 62.4601, 63.1449



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.5683, 54.0947, 57.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3442, 62.4601, 63.1449 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(112, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(112, 227, 198)  
}
```

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(112, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 227, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.3442, 62.4601, 63.1449 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(112, 227, 198) }
```


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

```
.border{ border-color:rgb(112, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 227, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 227, 198);  
box-shadow:4px 4px 4px 4px rgb(112, 227,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3442, 62.4601, 63.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 227, 198) }
```

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

```
.background{ background-color: rgb(112,  
227, 198) }
```

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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