

Converting Colors

XYZ(44.3452, 51.3398, 71.7144)

Have a look what the booklet for
XYZ(44.3452, 51.3398, 71.7144)
contains.

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Color

**XYZ(44.4924, 51.4975,
71.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	93C6D7
RGB	147, 198, 215
RGB Percent	58%, 78%, 84%
CMY	0.4235, 0.2235, 0.1569
CMYK	0.32, 0.08, 0.00, 0.16
HSL	195°, 46%, 71%
HSV	195°, 32%, 84%
XYZ	44.4924, 51.4975, 71.8850
YIQ	184.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

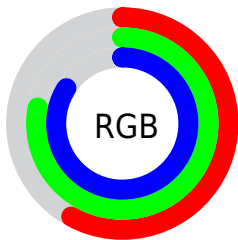
Format	Color
R _{YB}	147, 176, 215
Decimal	9684695
CIE Lab	76.98, -12.55, -13.84
CIE LCh	77, 18.681, 227.808
Yxy	51.4975, 0.2650, 0.3068
Android (android.graphics.Color)	4287874775 (0xFF93C6D7)
YUV	184.6890, 14.9433, -33.0533
Hunter-Lab	71.7618, -14.9128, -9.1586

Details

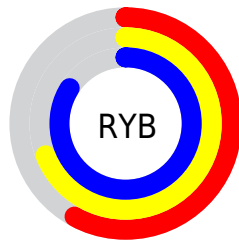
The XYZ color **44.4924, 51.4975, 71.8850** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5669, 43.1050, 33.4706**, and the grayscale version is **45.8765, 48.2657, 52.5613**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **20.9345, 24.8643, 36.9536** is the 20% darker color. If you saturate the color by 10%, you get **39.7851, 47.2805, 71.3200**, and if you desaturate by 10%, it is **49.9670, 56.1772, 72.5006**.

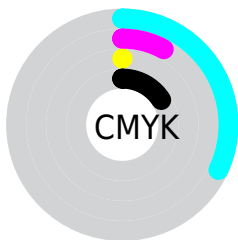
Distribution



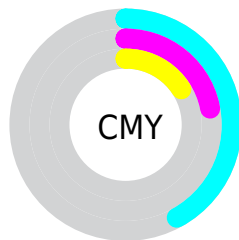
- Red (58%)
- Green (78%)
- Blue (84%)



- Red (58%)
- Yellow (69%)
- Blue (84%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4924, 51.4975, 71.8850 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 44.4924, 51.4975, 71.8850 by changing the saturation by 10% instead.

■ 44.4924, 51.4975,
71.8850

■ 44.4924, 51.4975,
71.8850

355.5322,
392.4936, 486.1080

■ 31.2574, 36.6047,
52.5785

■ 81.1999, 92.3897,
123.5992

■ 20.9477, 24.9016,
37.0810

■ 105.4032,
119.1580, 156.8440

■ 13.1980, 16.0037,
24.9739

133.9932,
150.6534, 195.5719

■ 7.6430, 9.5268,
15.8388

167.3353,
187.2606, 240.2016

■ 3.9172, 5.0864,
9.2570

205.7949,
229.3638, 291.1515

■ 1.6554, 2.2980,
4.8101

249.7374,

■ 0.4281, 0.7727,

277.3474, 348.8401

2.0795

299.5280,
331.5959, 413.6861

■ 0.0000, 0.0000,
0.6035

■ 0.0000, 0.0000,
0.0000

■ 44.4924, 51.4975,
71.8850

■ 44.4924, 51.4975,
71.8850

■ 39.7851, 47.2805,
71.3200

■ 49.9670, 56.1772,
72.5006

■ 35.7996, 43.4985,
70.8001

■ 56.2416, 61.3335,
73.1652

■ 32.4929, 40.1298,
70.3241

■ 63.3529, 66.9871,
73.8816

■ 29.8153, 37.1481,
69.8897

■ 71.3337, 73.1555,
74.6516

■ 27.7096, 34.5232,
69.4941

■ 80.2150, 79.8555,
75.4767

■ 26.1076, 32.2193,
69.1338

■ 81.8723, 82.8992,
75.9769

■ 25.0558, 30.4862,
68.8547

■ 83.3933, 85.9412,
76.4839

■ 84.9608, 89.0762,
77.0064

■ 86.5753, 92.3051,
77.5445

Harmonies

Analogous

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



42.7153, 51.4975, 62.2830



44.4924, 51.4975, 71.8850



47.5156, 51.4975, 77.4970

Triad

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



44.4924, 51.4975, 71.8850



55.9463, 51.4975, 60.3144



46.8833, 51.4975, 39.4033

Complementary

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



44.4924, 51.4975, 71.8850



46.5669, 43.1050, 33.4706

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.



50.4066, 51.4975, 39.0117



44.4924, 51.4975, 71.8850



55.7568, 51.4975, 50.2883

Square

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



44.4924, 51.4975, 71.8850



54.1950, 51.4975, 70.2942



53.6891, 51.4975, 42.7668



44.0489, 51.4975, 43.9105

Rectangle

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



44.4924, 51.4975, 71.8850



49.8826, 51.4975, 77.8205



53.6891, 51.4975, 42.7668



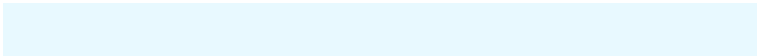
48.0229, 51.4975, 38.8076

Sweetspot

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



44.4940, 51.4995, 71.8862



85.3020, 92.2984, 107.9272



42.9330, 57.4445, 43.4139



17.9417, 19.5015, 23.0685



0.0000, 0.0000, 0.0000



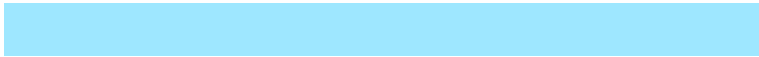
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4940, 51.4995, 71.8862



60.6840, 71.5269, 105.2154



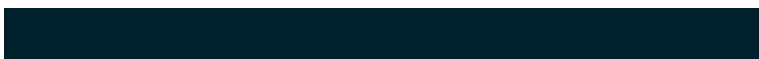
37.7786, 38.0689, 69.6477



12.5171, 13.5576, 15.8947



15.0742, 18.4102, 41.2122



0.9730, 1.2379, 2.5070

Inverse Universe

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



48.6523, 39.3929, 58.4677



67.8764, 51.5048, 81.8009



53.2278, 56.4267, 35.6909



12.8142, 12.5772, 14.9618



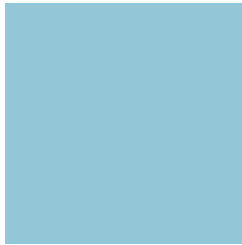
20.6676, 10.2034, 21.3515



1.2788, 0.6283, 1.4573

Previews

White Background



This preview shows how the XYZ color 44.4924, 51.4975, 71.8850 looks on a white background.

Color Contrast Check

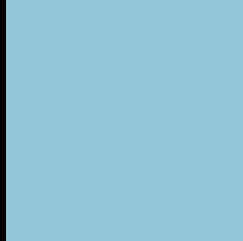
Large Text (above 18pt) WCAG AA × Fail

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 44.4924, 51.4975, 71.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

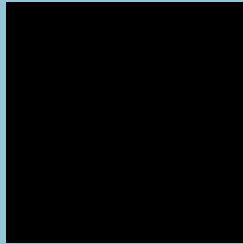
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4924, 51.4975, 71.8850

Background



This preview shows how black text looks on a background with the XYZ color 44.4924, 51.4975, 71.8850.



This preview shows how white text looks on a background with the XYZ color 44.4924, 51.4975,

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

44.4924, 51.4975, 71.8850

Protanopia

49.9854, 51.1347, 67.5571

Deuteranopia

52.2520, 51.2292, 73.4639



Tritanopia

44.3643, 51.4463, 71.2102

Trichromacy



Original Color

44.4924, 51.4975, 71.8850

Protanomaly

47.6208, 51.1731, 68.9955

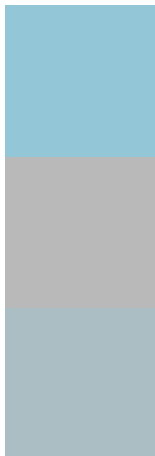
Deuteranomaly

49.0693, 51.1838, 72.9389

Tritanomaly

44.3643, 51.4463, 71.2102

Monochromacy



Original Color

44.4924, 51.4975, 71.8850

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1718, 49.4704, 59.3925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4924, 51.4975, 71.8850 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(147, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 215)  
}
```

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(147, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 215) }
```

Border

The CSS property to change the border of an element to XYZ 44.4924, 51.4975, 71.8850 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(147, 198, 215) }
```


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

```
.border{ border-color:rgb(147, 198, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(147, 198,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4924, 51.4975, 71.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 215) }
```

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

```
.background{ background-color: rgb(147,  
198, 215) }
```

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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