

Converting Colors

XYZ(44.2797, 58.6592, 74.3846)

Have a look what the booklet for
XYZ(44.2797, 58.6592, 74.3846)
contains.

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Color

**XYZ(44.2779, 58.5973,
74.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	70DAD9
RGB	112, 218, 217
RGB Percent	44%, 85%, 85%
CMY	0.5608, 0.1451, 0.1490
CMYK	0.49, 0.00, 0.00, 0.15
HSL	179°, 59%, 65%
HSV	179°, 49%, 85%
XYZ	44.2779, 58.5973, 74.6224
YIQ	186.1920, -62.8550, -22.7830

Conversions

Conversions Part 2

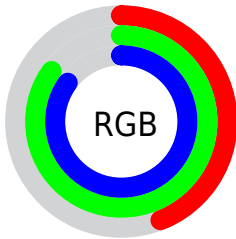
Format	Color
R _{YB}	112, 165, 218
Decimal	7396057
CIE _{Lab}	81.07, -30.80, -8.97
CIE _{LCh}	81, 32.082, 196.238
Y _{xy}	58.5973, 0.2495, 0.3301
Android (android.graphics.Color)	4285586137 (0xFF70DAD9)
YUV	186.1920, 15.1883, -65.0664
Hunter-Lab	76.5489, -30.7114, -4.2137

Details

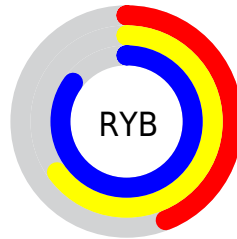
The XYZ color **44.2779, 58.5973, 74.6224** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.6903, 27.6878, 18.9826**, and the grayscale version is **46.7241, 49.1573, 53.5324**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **20.8377, 29.4314, 38.7650** is the 20% darker color. If you saturate the color by 10%, you get **41.8065, 57.3277, 74.3682**, and if you desaturate by 10%, it is **47.4243, 60.2176, 74.9110**.

Distribution



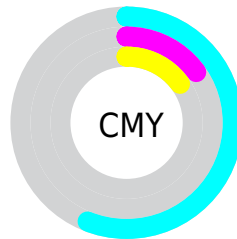
- Red (44%)
- Green (85%)
- Blue (85%)



- Red (44%)
- Yellow (65%)
- Blue (85%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (56%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2779, 58.5973, 74.6224 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 44.2779, 58.5973, 74.6224 by changing the saturation by 10% instead.


 44.2779, 58.5973,
74.6224


 44.2779, 58.5973,
74.6224


354.6742,
419.4079, 495.8395

 31.0879, 42.2890,
54.8037


 80.8795, 102.7922,
127.5199

 20.8179, 29.3277,
38.8471

 105.0218,
131.4475, 161.4358

 13.1027, 19.3288,
26.3339


 133.5456,
164.9874, 200.8878

 7.5768, 11.9081,
16.8456

166.8162,
203.7962, 246.2946

 3.8749, 6.6812,
9.9637

205.1991,
248.2582, 298.0746

 1.6316, 3.2635,
5.2696

249.0594,

 0.4129, 1.2708,

298.7579, 356.6464

2.3448

298.7627,
355.6797, 422.4285

■ 0.0000, 0.1184,
0.7561

■ 0.0000, 0.0000,
0.0000

■ 44.2779, 58.5973,
74.6224

■ 44.2779, 58.5973,
74.6224

■ 41.8065, 57.3277,
74.3682

■ 47.4243, 60.2176,
74.9110

■ 39.9556, 56.3766,
74.1419


■ 51.2847, 62.2046,
75.2318


■ 38.6707, 55.7174,
73.9422


■ 55.9016, 64.5816,
75.5883


■ 37.8860, 55.3159,
73.7662


■ 61.3124, 67.3679,
75.9821


 37.5009, 55.1204,
73.6090


 67.5523, 70.5815,
76.4148

 37.4596, 55.0996,
73.5879

 74.6540, 74.2395,
76.8881

 79.0254, 76.4899,
77.2337

 79.0525, 76.5007,
77.3763

 79.0796, 76.5116,
77.5190

Harmonies

Analogous

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



44.1550, 58.5973, 55.4663



44.2779, 58.5973, 74.6224



47.2954, 58.5973, 94.1396

Triad

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



44.2779, 58.5973, 74.6224



65.4696, 58.5973, 92.6936



58.7985, 58.5973, 34.3882

Complementary

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



44.2779, 58.5973, 74.6224



37.6903, 27.6878, 18.9826

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.



65.0344, 58.5973, 40.8027



44.2779, 58.5973, 74.6224



69.0884, 58.5973, 72.9347

Square

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



44.2779, 58.5973, 74.6224



59.3549, 58.5973, 105.9110



68.9231, 58.5973, 54.0825



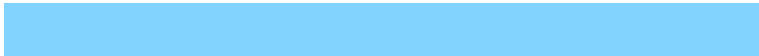
52.1887, 58.5973, 34.6608

Rectangle

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



44.2779, 58.5973, 74.6224



50.6907, 58.5973, 103.6193



68.9231, 58.5973, 54.0825



61.0183, 58.5973, 35.7686

Sweetspot

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



44.2796, 58.5996, 74.6238



82.2928, 93.4302, 107.9994



34.9070, 54.8767, 24.0832



17.2763, 19.8240, 23.0914



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.



44.2796, 58.5996, 74.6238



59.6611, 81.7823, 106.0731



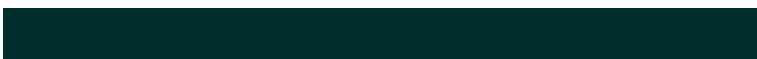
33.1149, 36.0608, 71.5472



13.4393, 14.8274, 16.7763



22.4438, 33.0102, 44.0981



1.4558, 2.1393, 2.8661

Inverse Universe

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



37.6903, 27.6878, 18.9826



49.2415, 32.8896, 18.0798



44.9788, 42.3548, 21.1353



13.0610, 13.0535, 13.5827



17.3312, 8.9335, 0.8580



1.1246, 0.5795, 0.0650

Previews

White Background



This preview shows how the XYZ color 44.2779, 58.5973, 74.6224 looks on a white background.

Color Contrast Check

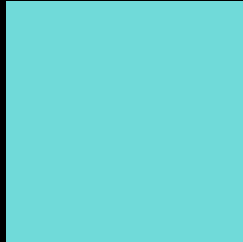
Large Text (above 18pt) WCAG AA × Fail

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 44.2779, 58.5973, 74.6224 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

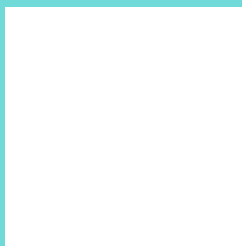
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2779, 58.5973, 74.6224

Background



This preview shows how black text looks on a background with the XYZ color 44.2779, 58.5973, 74.6224.



This preview shows how white text looks on a background with the XYZ color 44.2779, 58.5973,

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

44.2779, 58.5973, 74.6224

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

58.9944, 57.8594, 77.1659



Tritanopia

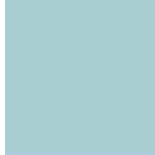
46.6000, 58.7768, 85.9798

Trichromacy



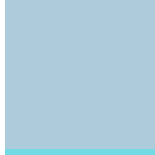
Original Color

44.2779, 58.5973, 74.6224



Protanomaly

50.0664, 57.2308, 69.3806



Deuteranomaly

51.7298, 56.8778, 75.9622



Tritanomaly

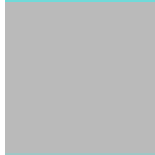
45.7482, 58.8166, 81.6146

Monochromacy



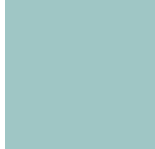
Original Color

44.2779, 58.5973, 74.6224



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.5702, 51.7903, 60.4708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2779, 58.5973, 74.6224 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, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(112, 218, 217)  
}
```

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, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 218, 217) }
```

Border

The CSS property to change the border of an element to XYZ 44.2779, 58.5973, 74.6224 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, 218, 217) }
```


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

```
.border{ border-color:rgb(112, 218, 217) }
```

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

Here you see how a box with a 4 pixel rgb(112, 218, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(112, 218,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2779, 58.5973, 74.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 218, 217) }
```

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

```
.background{ background-color: rgb(112,  
218, 217) }
```

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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