

Converting Colors

XYZ(44.3063, 53.2120, 74.6910)

Have a look what the booklet for
XYZ(44.3063, 53.2120, 74.6910)
contains.

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Color

**XYZ(44.2955, 53.0606,
74.9249)**

Conversions

Conversions Part 1

Format	Color
Hex	88CBDB
RGB	136, 203, 219
RGB Percent	53%, 80%, 86%
CMY	0.4667, 0.2039, 0.1412
CMYK	0.38, 0.07, 0.00, 0.14
HSL	192°, 54%, 70%
HSV	192°, 38%, 86%
XYZ	44.2955, 53.0606, 74.9249
YIQ	184.7910, -45.0680, -9.2280

Conversions

Conversions Part 2

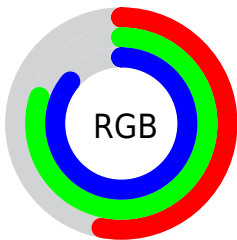
Format	Color
RYB	136, 173, 219
Decimal	8965083
CIELab	77.91, -17.13, -14.66
CIElCh	78, 22.547, 220.542
Yxy	53.0606, 0.2571, 0.3080
Android (android.graphics.Color)	4287155163 (0xFF88CBDB)
YUV	184.7910, 16.8650, -42.7897
Hunter-Lab	72.8427, -18.9293, -9.9949

Details

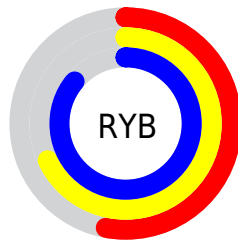
The XYZ color **44.2955, 53.0606, 74.9249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8865, 39.2950, 28.5129**, and the grayscale version is **45.9266, 48.3183, 52.6187**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **20.8416, 25.9246, 39.0274** is the 20% darker color. If you saturate the color by 10%, you get **40.1127, 49.4457, 74.4485**, and if you desaturate by 10%, it is **49.2354, 57.1086, 75.4468**.

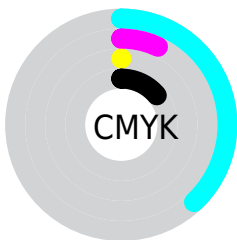
Distribution



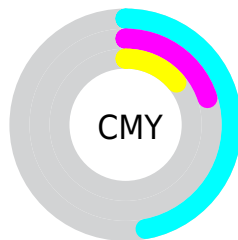
- Red (53%)
- Green (80%)
- Blue (86%)



- Red (53%)
- Yellow (68%)
- Blue (86%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2955, 53.0606, 74.9249 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 44.2955, 53.0606, 74.9249 by changing the saturation by 10% instead.

■ 44.2955, 53.0606,
74.9249

■ 44.2955, 53.0606,
74.9249

354.7447,
398.5176, 496.9079

■ 31.1018, 37.8511,
55.0500

■ 80.9058, 94.6935,
127.9522

■ 20.8286, 25.8672,
39.0429

■ 105.0531,
121.8858, 161.9416

■ 13.1105, 16.7243,
26.4850

■ 133.5824,
153.8411, 201.4730

■ 7.5822, 10.0381,
16.9578

166.8589,
190.9439, 246.9649

■ 3.8783, 5.4242,
10.0428

205.2480,
233.5786, 298.8358

■ 1.6335, 2.4983,
5.3214

249.1151,

■ 0.4141, 0.8758,

282.1295, 357.5042

2.3750

298.8255,
336.9810, 423.3888

■ 0.0000, 0.0000,
0.7728

■ 0.0000, 0.0000,
0.0000

■ 44.2955, 53.0606,
74.9249

■ 44.2955, 53.0606,
74.9249

■ 40.1127, 49.4457,
74.4485

■ 49.2354, 57.1086,
75.4468

■ 36.6373, 46.2342,
74.0118

■ 54.9684, 61.6048,
76.0125

■ 33.8213, 43.4023,
73.6136

■ 61.5343, 66.5713,
76.6251

■ 31.6083, 40.9206,
73.2513

■ 68.9683, 72.0266,
77.2862

■ 29.9323, 38.7547,
72.9215

■ 77.3040, 77.9882,
77.9976

■ 28.7000, 36.8563,
72.6200

■ 81.8609, 82.0437,
78.5402

■ 28.4668, 36.4755,
72.5588

■ 83.0387, 84.3992,
78.9328

■ 84.2450, 86.8118,
79.3349

■ 85.4801, 89.2820,
79.7466

Harmonies

Analogous

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



42.5928, 53.0606, 62.3030



44.2955, 53.0606, 74.9249



47.6769, 53.0606, 83.6497

Triad

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



44.2955, 53.0606, 74.9249



58.8032, 53.0606, 66.1927



48.9064, 53.0606, 37.1460

Complementary

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



44.2955, 53.0606, 74.9249



44.8865, 39.2950, 28.5129

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.



53.2923, 53.0606, 37.8742



44.2955, 53.0606, 74.9249



59.1797, 53.0606, 53.4699

Square

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



44.2955, 53.0606, 74.9249



56.1111, 53.0606, 78.1247



57.1117, 53.0606, 43.4630



45.1506, 53.0606, 41.3051

Rectangle

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



44.2955, 53.0606, 74.9249



50.5122, 53.0606, 85.4250



57.1117, 53.0606, 43.4630



50.3529, 53.0606, 36.8442

Sweetspot

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



44.2971, 53.0627, 74.9261



83.7722, 91.6615, 107.8849



41.0897, 58.1398, 38.4284



17.6555, 19.4119, 23.0663



0.0000, 0.0000, 0.0000



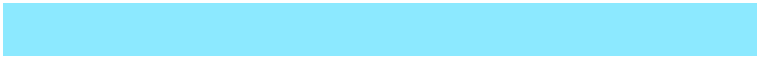
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2971, 53.0627, 74.9261



58.0129, 71.0282, 105.2600



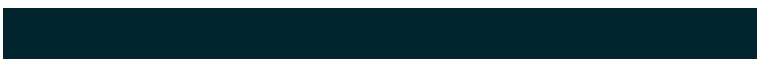
35.9112, 36.2908, 72.1308



13.2205, 14.3807, 16.7311



16.9564, 21.7822, 43.0491



1.1544, 1.5229, 2.8076

Inverse Universe

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



48.7984, 36.9817, 61.0684



65.3458, 45.9658, 82.4306



52.6659, 54.8537, 31.1060



13.5012, 13.2296, 15.9003



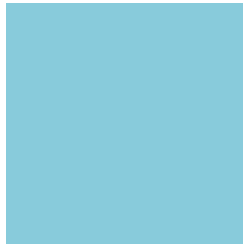
22.0541, 10.8227, 25.7287



1.4570, 0.7124, 1.8153

Previews

White Background



This preview shows how the XYZ color 44.2955, 53.0606, 74.9249 looks on a white background.

Color Contrast Check

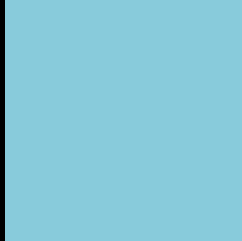
Large Text (above 18pt) WCAG AA × Fail

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 44.2955, 53.0606, 74.9249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

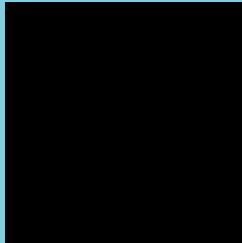
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2955, 53.0606, 74.9249

Background



This preview shows how black text looks on a background with the XYZ color 44.2955, 53.0606, 74.9249.



This preview shows how white text looks on a background with the XYZ color 44.2955, 53.0606,

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

44.2955, 53.0606, 74.9249

Protanopia

51.4065, 52.4772, 69.0477

Deuteranopia

53.7201, 52.5503, 76.4191



Tritanopia

44.2955, 53.0606, 74.9249

Trichromacy



Original Color

44.2955, 53.0606, 74.9249

Protanomaly

48.2303, 52.4313, 71.1966

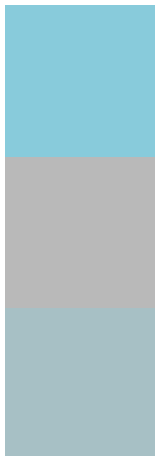
Deuteranomaly

49.5767, 52.3591, 75.9000

Tritanomaly

44.2955, 53.0606, 74.9249

Monochromacy



Original Color

44.2955, 53.0606, 74.9249

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.8640, 49.9460, 60.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2955, 53.0606, 74.9249 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(136, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(136, 203, 219)  
}
```

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(136, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 44.2955, 53.0606, 74.9249 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(136, 203, 219) }
```


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

```
.border{ border-color:rgb(136, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 203, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 203, 219); box-shadow:4px 4px 4px 4px rgb(136, 203, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2955, 53.0606, 74.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 203, 219) }
```

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

```
.background{ background-color: rgb(136,  
203, 219) }
```

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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