

Converting Colors

XYZ(44.0625, 53.3024, 79.4111)

Have a look what the booklet for
XYZ(44.0625, 53.3024, 79.4111)
contains.

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Color

**XYZ(43.9359, 53.1340,
79.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCCE1
RGB	127, 204, 225
RGB Percent	50%, 80%, 88%
CMY	0.5019, 0.2000, 0.1176
CMYK	0.44, 0.09, 0.00, 0.12
HSL	193°, 62%, 69%
HSV	193°, 44%, 88%
XYZ	43.9359, 53.1340, 79.1744
YIQ	183.3710, -52.6330, -9.7930

Conversions

Conversions Part 2

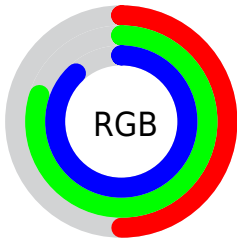
Format	Color
RYB	127, 170, 225
Decimal	8375521
CIELab	77.95, -18.37, -17.86
CIELCh	78, 25.622, 224.186
Yxy	53.1340, 0.2493, 0.3015
Android (android.graphics.Color)	4286565601 (0xFF7FCCE1)
YUV	183.3710, 20.5231, -49.4374
Hunter-Lab	72.8931, -19.9730, -13.3740

Details

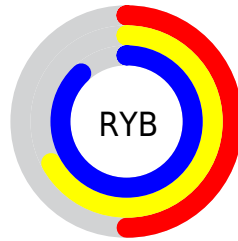
The XYZ color **43.9359, 53.1340, 79.1744** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4731, 38.7208, 25.1574**, and the grayscale version is **45.1263, 47.4764, 51.7018**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **20.6878, 26.0171, 41.9616** is the 20% darker color. If you saturate the color by 10%, you get **39.8238, 49.3404, 78.6598**, and if you desaturate by 10%, it is **48.8350, 57.3883, 79.7383**.

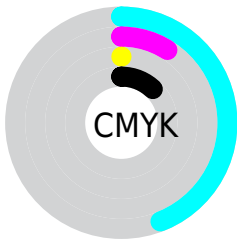
Distribution



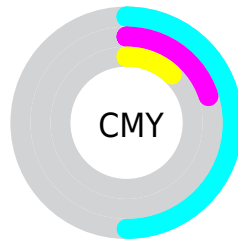
- Red (50%)
- Green (80%)
- Blue (88%)



- Red (50%)
- Yellow (67%)
- Blue (88%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9359, 53.1340, 79.1744 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 43.9359, 53.1340, 79.1744 by changing the saturation by 10% instead.

■ 43.9359, 53.1340,
79.1744

■ 43.9359, 53.1340,
79.1744

■ 353.3033,
398.7990, 511.7793

■ 30.8178, 37.9098,
58.5170

■ 80.3682, 94.8015,
134.0052

■ 20.6113, 25.9127,
41.8070

■ 104.4132,
122.0136, 169.0158

■ 12.9510, 16.7583,
28.6258

■ 132.8311,
153.9904, 209.6479

■ 7.4716, 10.0623,
18.5548

■ 165.9874,
191.1163, 256.3199

■ 3.8077, 5.4403,
11.1755

■ 204.2474,
233.7757, 309.4506

■ 1.5939, 2.5078,
6.0693

■ 247.9765,

■ 0.3884, 0.8806,

282.3530, 369.4584

2.8178

297.5400,
337.2327, 436.7618

■ 0.0000, 0.0000,
1.0024

■ 0.0000, 0.0000,
0.0000

■ 43.9359, 53.1340,
79.1744

■ 43.9359, 53.1340,
79.1744

■ 39.8238, 49.3404,
78.6598

■ 48.8350, 57.3883,
79.7383

■ 36.4431, 45.9749,
78.1884


■ 54.5621, 62.1215,
80.3500


■ 33.7384, 43.0095,
77.7586


■ 61.1614, 67.3579,
81.0129


■ 31.6441, 40.4101,
77.3672


■ 68.6723, 73.1182,
81.7289


 30.0804, 38.1350,
77.0105


 77.1317, 79.4220,
82.4998

 29.2715, 36.7977,
76.7950

 83.9500, 84.9347,
83.2045

 85.3330, 87.7007,
83.6655

 86.7536, 90.5419,
84.1391

 88.2121, 93.4589,
84.6252

Harmonies

Analogous

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



41.7676, 53.1340, 64.8457



43.9359, 53.1340, 79.1744



47.9349, 53.1340, 88.4902

Triad

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



43.9359, 53.1340, 79.1744



60.2977, 53.1340, 65.6620



48.1894, 53.1340, 35.1118

Complementary

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



43.9359, 53.1340, 79.1744



45.4731, 38.7208, 25.1574

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.



53.1597, 53.1340, 35.2567



43.9359, 53.1340, 79.1744



60.3770, 53.1340, 51.3836

Square

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



43.9359, 53.1340, 79.1744



57.4821, 53.1340, 79.8561



57.6923, 53.1340, 40.7520



44.1116, 53.1340, 40.3170

Rectangle

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



43.9359, 53.1340, 79.1744



51.2052, 53.1340, 89.7784



57.6923, 53.1340, 40.7520



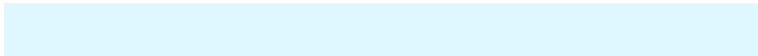
49.8058, 53.1340, 34.5671

Sweetspot

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



43.9375, 53.1360, 79.1756



81.6640, 89.7973, 107.6362



40.9141, 60.4577, 36.9542



17.0378, 18.8753, 22.9953



0.0000, 0.0000, 0.0000



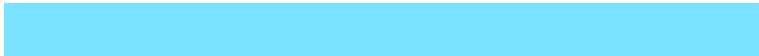
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9375, 53.1360, 79.1756



53.4892, 66.0997, 104.5471



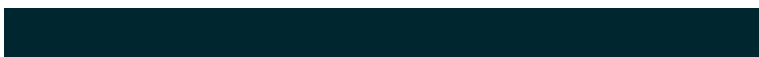
34.3002, 33.8613, 75.9632



13.8543, 15.0477, 17.5620



16.9558, 21.3811, 44.2817



1.2381, 1.6077, 3.0903

Inverse Universe

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



49.5412, 35.5475, 61.3791



62.0570, 40.8008, 76.9795



54.5332, 56.8409, 28.1774



14.1627, 13.8827, 16.6268



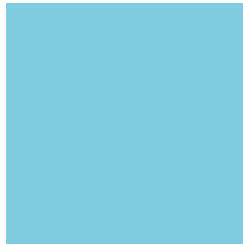
22.4987, 11.0665, 25.0896



1.5912, 0.7798, 1.9062

Previews

White Background



This preview shows how the XYZ color 43.9359, 53.1340, 79.1744 looks on a white background.

Color Contrast Check

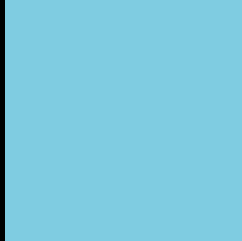
Large Text (above 18pt) WCAG AA × Fail

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 43.9359, 53.1340, 79.1744 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 43.9359, 53.1340, 79.1744

Background



This preview shows how black text looks on a background with the XYZ color 43.9359, 53.1340, 79.1744.



This preview shows how white text looks on a background with the XYZ color 43.9359, 53.1340,

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

43.9359, 53.1340, 79.1744

Protanopia

51.5472, 52.4761, 72.3778

Deuteranopia

53.6514, 52.4043, 81.4160



Tritanopia

43.4867, 53.3187, 76.4062

Trichromacy



Original Color

43.9359, 53.1340, 79.1744

Protanomaly

48.0272, 52.2517, 74.5721

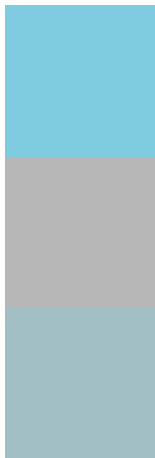
Deuteranomaly

49.2220, 52.0662, 80.8543

Tritanomaly

43.6203, 53.3722, 77.1101

Monochromacy



Original Color

43.9359, 53.1340, 79.1744

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9281, 49.1254, 60.5930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9359, 53.1340, 79.1744 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(127, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(127, 204, 225)  
}
```

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(127, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 204, 225) }
```

Border

The CSS property to change the border of an element to XYZ 43.9359, 53.1340, 79.1744 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(127, 204, 225) }
```


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

```
.border{ border-color:rgb(127, 204, 225) }
```

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

Here you see how a box with a 4 pixel rgb(127, 204, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(127, 204,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9359, 53.1340, 79.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 204, 225) }
```

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

```
.background{ background-color: rgb(127,  
204, 225) }
```

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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