

Converting Colors

XYZ(43.0789, 53.4989, 76.7446)

Have a look what the booklet for
XYZ(43.0789, 53.4989, 76.7446)
contains.

XYZ(43.0076, 53.4280, 76.4525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0076, 53.4280,
76.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	79CEDD
RGB	121, 206, 221
RGB Percent	47%, 81%, 87%
CMY	0.5255, 0.1921, 0.1333
CMYK	0.45, 0.07, 0.00, 0.13
HSL	189°, 60%, 67%
HSV	189°, 45%, 87%
XYZ	43.0076, 53.4280, 76.4525
YIQ	182.2950, -55.4750, -13.3550

Conversions

Conversions Part 2

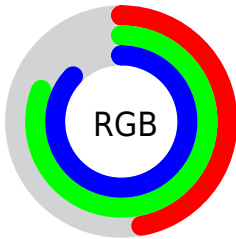
Format	Color
RYB	121, 167, 221
Decimal	7982813
CIELab	78.13, -21.86, -15.47
CIElCh	78, 26.783, 215.294
Yxy	53.4280, 0.2488, 0.3090
Android (android.graphics.Color)	4286172893 (0xFF79CEDD)
YUV	182.2950, 19.0816, -53.7557
Hunter-Lab	73.0945, -22.8888, -10.8477

Details

The XYZ color **43.0076, 53.4280, 76.4525** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.0752, 34.3619, 22.5055**, and the grayscale version is **44.5465, 46.8663, 51.0375**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **20.1611, 26.2664, 40.0837** is the 20% darker color. If you saturate the color by 10%, you get **39.4690, 50.4328, 76.0618**, and if you desaturate by 10%, it is **47.2757, 56.8267, 76.8845**.

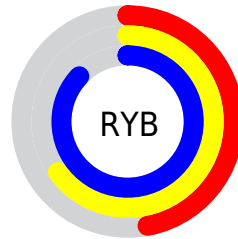
Distribution



Red (47%)

Green (81%)

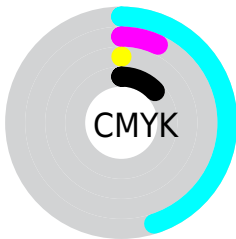
Blue (87%)



Red (47%)

Yellow (65%)

Blue (87%)

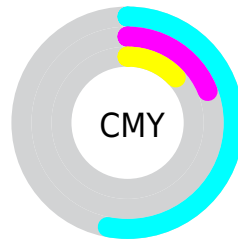


Cyan (45%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (53%)


Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0076, 53.4280, 76.4525 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 43.0076, 53.4280, 76.4525 by changing the saturation by 10% instead.


 43.0076, 53.4280,
76.4525


 43.0076, 53.4280,
76.4525

349.5640,
399.9250, 502.2833

 30.0856, 38.1446,
56.2948


 78.9780, 95.2339,
130.1323

 20.0520, 26.0949,
40.0337


 102.7571,
122.5251, 164.4914

 12.5413, 16.8946,
27.2508


 130.8859,
154.5877, 204.4214

 7.1883, 10.1594,
17.5276

163.7299,
191.8060, 250.3408

 3.6275, 5.5048,
10.4454

201.6543,
234.5645, 302.6681

 1.4936, 2.5464,
5.5858

245.0246,

 0.3215, 0.8998,

283.2476, 361.8220

2.5302

294.2060,
338.2396, 428.2208

■ 0.0000, 0.0000,
0.8561

■ 0.0000, 0.0000,
0.0000

■ 43.0076, 53.4280,
76.4525

■ 43.0076, 53.4280,
76.4525

■ 39.4690, 50.4328,
76.0618

■ 47.2757, 56.8267,
76.8845

■ 36.6057, 47.8094,
75.7064

■ 52.3130, 60.6458,
77.3562

■ 34.3640, 45.5311,
75.3848

■ 58.1619, 64.9086,
77.8707

■ 32.6795, 43.5645,
75.0940

■ 64.8605, 69.6349,
78.4299

■ 31.4731, 41.8688,
74.8302

■ 72.4443, 74.8431,
79.0355

■ 31.0035, 41.1249,
74.7114

■ 80.9469, 80.5506,
79.6890

■ 82.3677, 82.6333,
80.0161

■ 83.2947, 84.4874,
80.3251

■ 84.2394, 86.3767,
80.6400

Harmonies

Analogous

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



41.4115, 53.4280, 60.8722



43.0076, 53.4280, 76.4525



46.6932, 53.4280, 88.4590

Triad

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



43.0076, 53.4280, 76.4525



60.4770, 53.4280, 71.0617



49.8594, 53.4280, 33.9493

Complementary

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



43.0076, 53.4280, 76.4525



42.0752, 34.3619, 22.5055

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.



55.1022, 53.4280, 35.7351



43.0076, 53.4280, 76.4525



61.4684, 53.4280, 55.5567

Square

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



43.0076, 53.4280, 76.4525



56.8168, 53.4280, 84.9912



59.4404, 53.4280, 43.0691



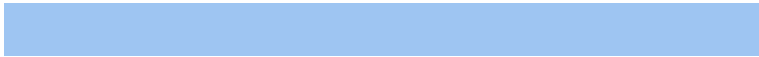
45.1899, 53.4280, 37.6901

Rectangle

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



43.0076, 53.4280, 76.4525



49.9611, 53.4280, 91.8595



59.4404, 53.4280, 43.0691



51.6113, 53.4280, 33.9313

Sweetspot

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



43.0092, 53.4301, 76.4538



81.4293, 90.4778, 107.7799



38.0692, 57.5095, 31.7718



17.0254, 19.0767, 23.0348



0.0000, 0.0000, 0.0000



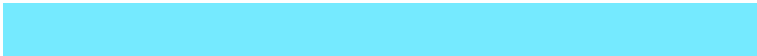
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0092, 53.4301, 76.4538



54.9483, 70.0663, 105.2358



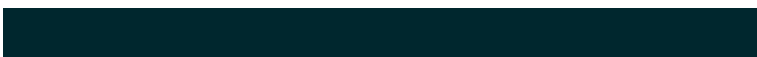
33.1078, 33.6271, 73.1533



13.2698, 14.4794, 16.7475



18.0765, 24.0224, 43.4225



1.2172, 1.6485, 2.8285

Inverse Universe

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



47.7981, 33.5046, 62.3425



62.5375, 40.0131, 82.5309



50.4810, 51.1736, 25.3075



13.5261, 13.2395, 16.0315



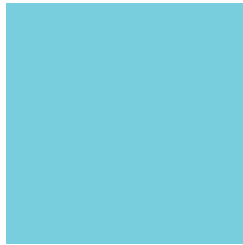
22.6195, 11.0488, 28.7061



1.4887, 0.7251, 1.9823

Previews

White Background



This preview shows how the XYZ color 43.0076, 53.4280, 76.4525 looks on a white background.

Color Contrast Check

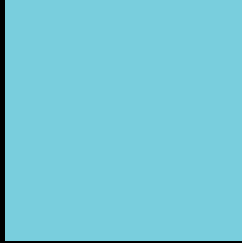
Large Text (above 18pt) WCAG AA × Fail

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 43.0076, 53.4280, 76.4525 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 43.0076, 53.4280, 76.4525

Background



This preview shows how black text looks on a background with the XYZ color 43.0076, 53.4280, 76.4525.



This preview shows how white text looks on a background with the XYZ color 43.0076, 53.4280,

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

43.0076, 53.4280, 76.4525

Protanopia

51.6239, 52.9119, 69.1202

Deuteranopia

54.0795, 53.0048, 78.6148



Tritanopia

43.1413, 53.4815, 77.1564

Trichromacy



Original Color

43.0076, 53.4280, 76.4525

Protanomaly

47.5227, 52.3855, 71.8967

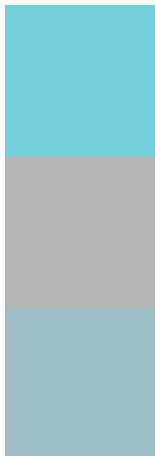
Deuteranomaly

49.1181, 52.7369, 78.1114

Tritanomaly

43.1413, 53.4815, 77.1564

Monochromacy



Original Color

43.0076, 53.4280, 76.4525

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.0918, 48.7207, 59.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0076, 53.4280, 76.4525 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(121, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(121, 206, 221)  
}
```

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(121, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 206, 221) }
```

Border

The CSS property to change the border of an element to XYZ 43.0076, 53.4280, 76.4525 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(121, 206, 221) }
```


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

```
.border{ border-color:rgb(121, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(121, 206,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0076, 53.4280, 76.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 206, 221) }
```

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

```
.background{ background-color: rgb(121,  
206, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor