

Converting Colors

XYZ(43.1047, 55.0854, 74.9354)

Have a look what the booklet for
XYZ(43.1047, 55.0854, 74.9354)
contains.

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Color

**XYZ(43.0376, 54.9371,
74.6653)**

Conversions

Conversions Part 1

Format	Color
Hex	75D2DA
RGB	117, 210, 218
RGB Percent	46%, 82%, 85%
CMY	0.5412, 0.1765, 0.1451
CMYK	0.46, 0.04, 0.00, 0.15
HSL	185°, 58%, 66%
HSV	185°, 46%, 85%
XYZ	43.0376, 54.9371, 74.6653
YIQ	183.1050, -57.9960, -17.2280

Conversions

Conversions Part 2

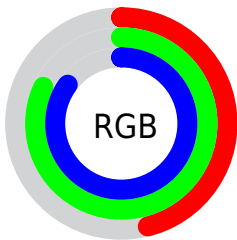
Format	Color
RYB	117, 165, 218
Decimal	7721690
CIELab	79.01, -25.56, -12.56
CIElCh	79, 28.477, 206.182
Yxy	54.9371, 0.2493, 0.3182
Android (android.graphics.Color)	4285911770 (0xFF75D2DA)
YUV	183.1050, 17.2032, -57.9741
Hunter-Lab	74.1196, -26.0630, -7.8429

Details

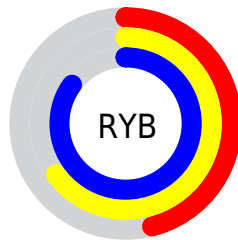
The XYZ color **43.0376, 54.9371, 74.6653** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.4589, 30.8579, 20.7074**, and the grayscale version is **45.0002, 47.3437, 51.5573**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **20.0195, 26.9569, 38.7984** is the 20% darker color. If you saturate the color by 10%, you get **40.0192, 52.7530, 74.4038**, and if you desaturate by 10%, it is **46.7459, 57.4862, 74.9629**.

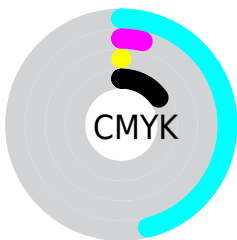
Distribution



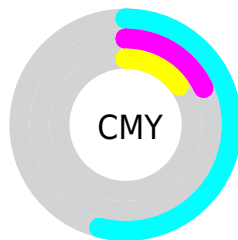
- Red (46%)
- Green (82%)
- Blue (85%)



- Red (46%)
- Yellow (65%)
- Blue (85%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)





- Cyan (54%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0376, 54.9371, 74.6653 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 43.0376, 54.9371, 74.6653 by changing the saturation by 10% instead.


 43.0376, 54.9371,
74.6653


 43.0376, 54.9371,
74.6653


349.6853,
405.6735, 495.9911

 30.1093, 39.3514,
54.8387


 79.0230, 97.4488,
127.5812

 20.0700, 27.0332,
38.8748


 102.8107,
125.1435, 161.5075

 12.5545, 17.5981,
26.3553

 130.9489,
157.6434, 200.9709

 7.1974, 10.6619,
16.8615

163.8030,
195.3328, 246.3897

 3.6333, 5.8399,
9.9749

201.7384,
238.5961, 298.1826

 1.4968, 2.7480,
5.2769

245.1203,

 0.3237, 1.0016,

287.8177, 356.7681

2.3491

294.3141,
343.3820, 422.5647

■ 0.0000, 0.0000,
0.7585

■ 0.0000, 0.0000,
0.0000

■ 43.0376, 54.9371,
74.6653

■ 43.0376, 54.9371,
74.6653

■ 40.0192, 52.7530,
74.4038

■ 46.7459, 57.4862,
74.9629

■ 37.6376, 50.9027,
74.1722

■ 51.1826, 60.4164,
75.2946

■ 35.8404, 49.3604,
73.9692

■ 56.3892, 63.7504,
75.6637

■ 34.5640, 48.0935,
73.7919

■ 62.4025, 67.5071,
76.0719

■ 33.7288, 47.0607,
73.6366

■ 69.2571, 71.7045,
76.5208

■ 33.4808, 46.7134,
73.5826

■ 76.9856, 76.3593,
77.0119

■ 80.0397, 78.6113,
77.2856

■ 80.5008, 79.5335,
77.4393

■ 80.9667, 80.4652,
77.5946

Harmonies

Analogous

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



42.0835, 54.9371, 57.7635



43.0376, 54.9371, 74.6653



46.3848, 54.9371, 89.6609

Triad

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



43.0376, 54.9371, 74.6653



61.7994, 54.9371, 78.9152



52.9449, 54.9371, 33.7758

Complementary

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



43.0376, 54.9371, 74.6653



39.4589, 30.8579, 20.7074

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.



58.5167, 54.9371, 37.4610



43.0376, 54.9371, 74.6653



63.8570, 54.9371, 61.9189

Square

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



43.0376, 54.9371, 74.6653



57.1715, 54.9371, 92.4097



62.6147, 54.9371, 47.0808



47.5556, 54.9371, 35.9607

Rectangle

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



43.0376, 54.9371, 74.6653



49.6572, 54.9371, 95.5148



62.6147, 54.9371, 47.0808



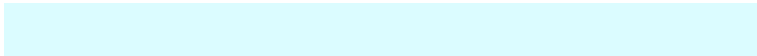
54.8614, 54.9371, 34.3485

Sweetspot

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



43.0393, 54.9392, 74.6666



82.2185, 92.0561, 108.0430



36.0300, 55.3744, 27.7712



17.2197, 19.4653, 23.0995



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.



43.0393, 54.9392, 74.6666



57.0156, 75.1940, 106.1166



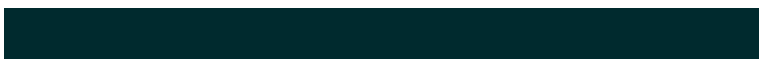
32.6964, 34.2535, 71.2190



13.3521, 14.6439, 16.7750



20.0951, 28.0595, 44.0953



1.3286, 1.8713, 2.8656

Inverse Universe

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



46.9090, 32.2825, 64.7339



63.3386, 39.4055, 89.6106



47.3067, 46.5535, 23.3233



13.5676, 13.2561, 16.2501



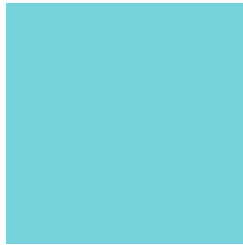
23.6384, 11.4564, 34.0714



1.5449, 0.7476, 2.2783

Previews

White Background



This preview shows how the XYZ color 43.0376, 54.9371, 74.6653 looks on a white background.

Color Contrast Check

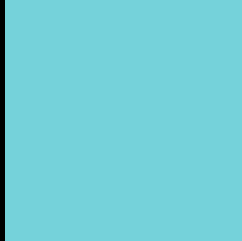
Large Text (above 18pt) WCAG AA × Fail

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 43.0376, 54.9371, 74.6653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

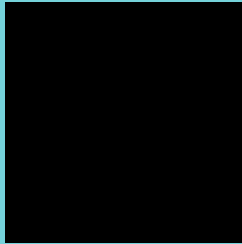
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0376, 54.9371, 74.6653

Background



This preview shows how black text looks on a background with the XYZ color 43.0376, 54.9371, 74.6653.

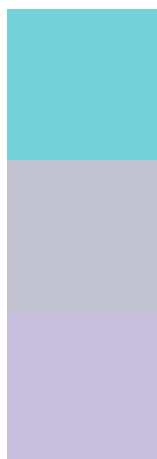


This preview shows how white text looks on a background with the XYZ color 43.0376, 54.9371,

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

43.0376, 54.9371, 74.6653

Protanopia

52.7033, 54.1633, 67.3513

Deuteranopia

55.4177, 54.3802, 76.6828



Tritanopia

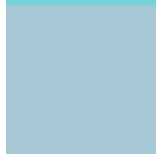
44.1357, 55.0139, 80.2440

Trichromacy



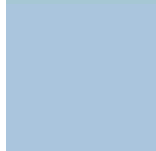
Original Color

43.0376, 54.9371, 74.6653



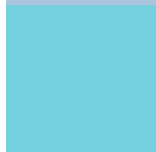
Protanomaly

48.0330, 53.7073, 70.1223



Deuteranomaly

49.5950, 53.6990, 76.1576



Tritanomaly

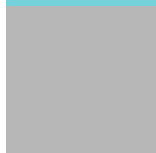
43.5910, 54.7802, 78.0882

Monochromacy



Original Color

43.0376, 54.9371, 74.6653



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.3318, 49.4964, 59.4945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0376, 54.9371, 74.6653 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(117, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(117, 210, 218)  
}
```

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(117, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 210, 218) }
```

Border

The CSS property to change the border of an element to XYZ 43.0376, 54.9371, 74.6653 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(117, 210, 218) }
```


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

```
.border{ border-color:rgb(117, 210, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(117, 210,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0376, 54.9371, 74.6653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 210, 218) }
```

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

```
.background{ background-color: rgb(117,  
210, 218) }
```

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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