

Converting Colors

XYZ(37.7195, 54.4711, 76.3581)

Have a look what the booklet for
XYZ(37.7195, 54.4711, 76.3581)
contains.

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Color

**XYZ(37.6552, 54.3724,
76.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	0ED8DC
RGB	14, 216, 220
RGB Percent	5%, 85%, 86%
CMY	0.9449, 0.1529, 0.1372
CMYK	0.94, 0.02, 0.00, 0.14
HSL	181°, 88%, 46%
HSV	181°, 94%, 86%
XYZ	37.6552, 54.3724, 76.2204
YIQ	156.0580, -121.6760, -41.5800

Conversions

Conversions Part 2

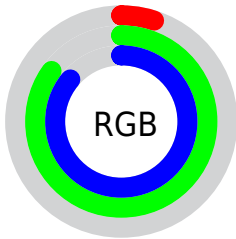
Format	Color
R_{YB}	14, 116, 220
Decimal	973020
CIE _{Lab}	78.68, -40.87, -14.34
CIE _{LCh}	79, 43.315, 199.339
Yxy	54.3724, 0.2238, 0.3232
Android (android.graphics.Color)	4279163100 (0xFF0ED8DC)
YUV	156.0580, 31.5234, -124.5849
Hunter-Lab	73.7376, -37.8873, -9.6700

Details

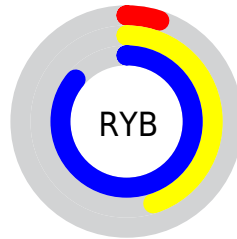
The XYZ color **37.6552, 54.3724, 76.2204** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **29.8121, 15.6816, 1.8725**, and the grayscale version is **31.5346, 33.1769, 36.1296**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **19.3623, 27.8582, 39.9540** is the 20% darker color. If you saturate the color by 10%, you get **37.4053, 54.1412, 76.1899**, and if you desaturate by 10%, it is **38.3137, 54.8757, 76.2838**.

Distribution



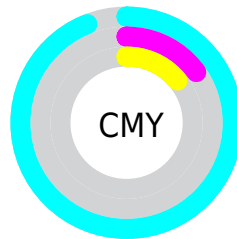
- Red (5%)
- Green (85%)
- Blue (86%)



- Red (5%)
- Yellow (45%)
- Blue (86%)



- Cyan (94%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6552, 54.3724, 76.2204 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 37.6552, 54.3724, 76.2204 by changing the saturation by 10% instead.

37.6552, 54.3724,
76.2204

37.6552, 54.3724,
76.2204

327.4450,
403.5285, 501.4687

25.8912, 38.8995,
56.1055

70.8867, 96.6208,
129.8013

16.8745, 26.6815,
39.8830

93.0848, 124.1651,
164.1045

10.2398, 17.3342,
27.1342

119.4917,
156.5019, 203.9741

5.6217, 10.4730,
17.4407

150.4727,
194.0157, 249.8288

2.6549, 5.7137,
10.3839

186.3932,
237.0909, 302.0871

0.9740, 2.6718,
5.5453

227.6185,

0.0000, 0.9629,

286.1118, 361.1675

2.5064

274.5140,
341.4629, 427.4885

■ 0.0000, 0.0000,
0.8435

■ 0.0000, 0.0000,
0.0000

■ 37.6552, 54.3724,
76.2204

■ 37.6552, 54.3724,
76.2204

■ 37.4053, 54.1412,
76.1899

■ 38.3137, 54.8757,
76.2838

■ 39.4419, 55.6203,
76.3681

■ 41.1165, 56.6471,
76.4781

■ 43.3993, 57.9879,
76.6165

■ 46.3440, 59.6703,
76.7861

■ 49.9983, 61.7189,
76.9889

■ 54.4055, 64.1561,
77.2270

■ 59.6054, 67.0024,
77.5023

■ 65.6351, 70.2768,
77.8166

Harmonies

Analogous

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



37.1358, 54.3724, 50.9045



37.6552, 54.3724, 76.2204



41.6814, 54.3724, 102.6314

Triad

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



37.6552, 54.3724, 76.2204



65.1943, 54.3724, 95.5257



54.7839, 54.3724, 23.9154

Complementary

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



37.6552, 54.3724, 76.2204



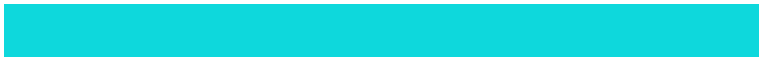
29.8121, 15.6816, 1.8725

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.



63.1603, 54.3724, 30.1654



37.6552, 54.3724, 76.2204



69.5965, 54.3724, 68.3562

Square

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



37.6552, 54.3724, 76.2204



57.3225, 54.3724, 115.7347



68.8136, 54.3724, 44.9269



46.4193, 54.3724, 24.9381

Rectangle

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



37.6552, 54.3724, 76.2204



46.0878, 54.3724, 115.1540



68.8136, 54.3724, 44.9269



57.7058, 54.3724, 25.1478

Sweetspot

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



37.6569, 54.3744, 76.2217



73.0409, 87.9998, 107.7437



25.8802, 51.3228, 9.0922



15.0784, 18.5278, 23.0315



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.



37.6569, 54.3744, 76.2217



52.2511, 75.6221, 106.4504



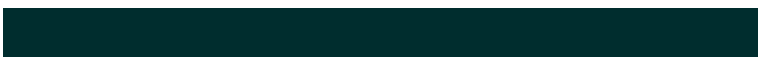
19.0712, 17.2031, 70.0265



13.4221, 14.7839, 16.7983



21.9627, 31.7948, 44.7179



1.4299, 2.0739, 2.8994

Inverse Universe

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



42.0683, 20.4891, 66.7054



58.5031, 28.1652, 92.8363



36.3664, 28.7901, 4.0573



13.6029, 13.2703, 16.4362



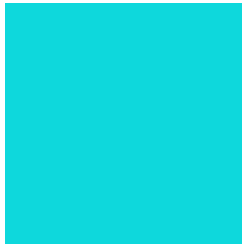
24.5811, 11.8335, 39.0355



1.5960, 0.7681, 2.5477

Previews

White Background



This preview shows how the XYZ color 37.6552, 54.3724, 76.2204 looks on a white background.

Color Contrast Check

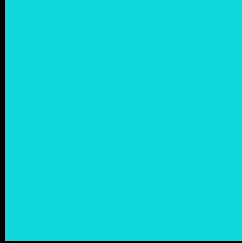
Large Text (above 18pt) WCAG AA × Fail

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 37.6552, 54.3724, 76.2204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

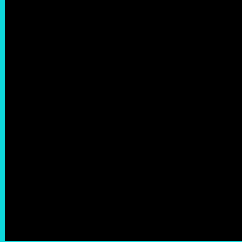
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

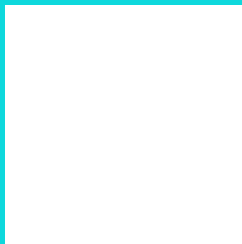
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6552, 54.3724, 76.2204

Background



This preview shows how black text looks on a background with the XYZ color 37.6552, 54.3724, 76.2204.

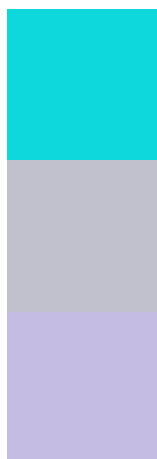


This preview shows how white text looks on a background with the XYZ color 37.6552, 54.3724,

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

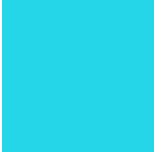
37.6552, 54.3724, 76.2204

Protanopia

51.8614, 53.4445, 65.3400

Deuteranopia

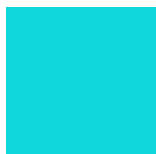
54.4756, 53.1932, 79.3476



Tritanopia

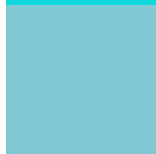
39.3750, 54.3126, 84.7520

Trichromacy



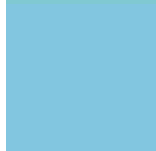
Original Color

37.6552, 54.3724, 76.2204



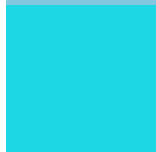
Protanomaly

41.4216, 51.0156, 68.6366



Deuteranomaly

42.8546, 50.5158, 78.0129



Tritanomaly

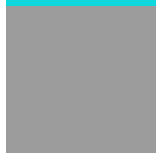
38.8107, 54.4635, 81.8658

Monochromacy



Original Color

37.6552, 54.3724, 76.2204



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

29.7660, 38.0385, 48.4212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6552, 54.3724, 76.2204 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(14, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(14, 216, 220)  
}
```

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(14, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 216, 220) }
```

Border

The CSS property to change the border of an element to XYZ 37.6552, 54.3724, 76.2204 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(14, 216, 220) }
```


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

```
.border{ border-color:rgb(14, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(14, 216,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6552, 54.3724, 76.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 216, 220) }
```

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

```
.background{ background-color: rgb(14, 216,  
220) }
```

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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