

Converting Colors

XYZ(43.0114, 54.1330, 72.3536)

Have a look what the booklet for
XYZ(43.0114, 54.1330, 72.3536)
contains.

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Color

**XYZ(43.1338, 54.3031,
72.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD0D7
RGB	124, 208, 215
RGB Percent	49%, 82%, 84%
CMY	0.5137, 0.1843, 0.1569
CMYK	0.42, 0.03, 0.00, 0.16
HSL	185°, 53%, 66%
HSV	185°, 42%, 84%
XYZ	43.1338, 54.3031, 72.4981
YIQ	183.6820, -52.3110, -15.6310

Conversions

Conversions Part 2

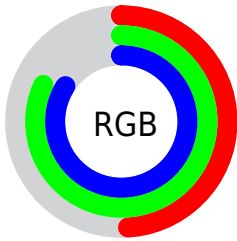
Format	Color
RYB	124, 168, 215
Decimal	8179927
CIELab	78.64, -23.69, -11.47
CIELCh	79, 26.321, 205.845
Yxy	54.3031, 0.2538, 0.3196
Android (android.graphics.Color)	4286370007 (0xFF7CD0D7)
YUV	183.6820, 15.4398, -52.3411
Hunter-Lab	73.6906, -24.4761, -6.7471

Details

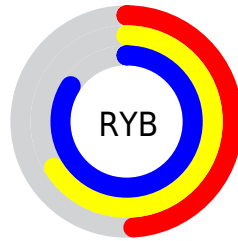
The XYZ color **43.1338, 54.3031, 72.4981** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.7797, 32.1358, 23.1764**, and the grayscale version is **45.3242, 47.6846, 51.9285**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **20.0511, 26.5138, 37.3186** is the 20% darker color. If you saturate the color by 10%, you get **39.9584, 52.0721, 72.2358**, and if you desaturate by 10%, it is **46.9940, 56.8960, 72.7961**.

Distribution



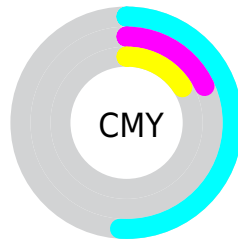
- Red (49%)
- Green (82%)
- Blue (84%)



- Red (49%)
- Yellow (66%)
- Blue (84%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1338, 54.3031, 72.4981 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 43.1338, 54.3031, 72.4981 by changing the saturation by 10% instead.

■ 43.1338, 54.3031,
72.4981

■ 43.1338, 54.3031,
72.4981

350.0739,
403.2648, 488.2975

■ 30.1851, 38.8440,
53.0763

■ 79.1672, 96.5191,
124.4787

■ 20.1279, 26.6384,
37.4756

■ 102.9826,
124.0449, 157.8747

■ 12.5968, 17.3019,
25.2773

■ 131.1509,
156.3617, 196.7658

■ 7.2266, 10.4499,
16.0628

164.0375,
193.8539, 241.5706

■ 3.6518, 5.6983,
9.4138

202.0077,
236.9059, 292.7076

■ 1.5071, 2.6625,
4.9116

245.4270,

■ 0.3307, 0.9582,

285.9021, 350.5954

2.1376

294.6606,
341.2270, 415.6526

■ 0.0000, 0.0000,
0.6380

■ 0.0000, 0.0000,
0.0000

■ 43.1338, 54.3031,
72.4981

■ 43.1338, 54.3031,
72.4981

■ 39.9584, 52.0721,
72.2358

■ 46.9940, 56.8960,
72.7961

■ 37.4184, 50.1735,
72.0032

■ 51.5747, 59.8652,
73.1278

■ 35.4657, 48.5840,
71.7993

■ 56.9146, 63.2322,
73.4962

■ 34.0430, 47.2738,
71.6214

■ 63.0487, 67.0148,
73.9030

■ 33.0816, 46.2076,
71.4663

■ 70.0094, 71.2299,
74.3497

■ 32.5670, 45.5085,
71.3585

■ 77.8275, 75.8933,
74.8378

■ 78.9883, 77.1312,
75.0156

■ 79.4233, 78.0012,
75.1606

■ 79.8626, 78.8798,
75.3070

Harmonies

Analogous

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



42.2762, 54.3031, 57.0776



43.1338, 54.3031, 72.4981



46.2049, 54.3031, 86.1065

Triad

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



43.1338, 54.3031, 72.4981



60.3305, 54.3031, 76.6905



52.3408, 54.3031, 34.9338

Complementary

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



43.1338, 54.3031, 72.4981



39.7797, 32.1358, 23.1764

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.



57.4285, 54.3031, 38.4688



43.1338, 54.3031, 72.4981



62.2333, 54.3031, 61.2246

Square

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



43.1338, 54.3031, 72.4981



56.0925, 54.3031, 88.7979



61.1374, 54.3031, 47.5099



47.3794, 54.3031, 36.9329

Rectangle

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



43.1338, 54.3031, 72.4981



49.2085, 54.3031, 91.4375



61.1374, 54.3031, 47.5099



54.0956, 54.3031, 35.4955

Sweetspot

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



43.1354, 54.3052, 72.4994



83.0804, 92.6301, 108.1083



36.6476, 54.5006, 29.7321



17.3909, 19.5815, 23.1130



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.



43.1354, 54.3052, 72.4994



59.1522, 76.8803, 106.3295



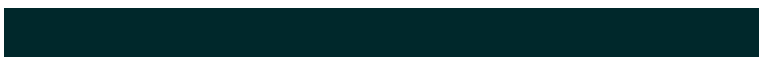
33.7535, 35.5414, 69.3721



12.7067, 13.9368, 15.9579



19.5141, 27.2899, 42.6921



1.2018, 1.6957, 2.5833

Inverse Universe

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



46.6185, 33.4179, 63.6700



65.0485, 42.5071, 91.1616



47.1041, 46.7846, 25.6179



12.9099, 12.6155, 15.4657



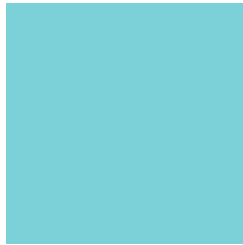
22.9087, 11.0998, 33.1527



1.3943, 0.6745, 2.0656

Previews

White Background



This preview shows how the XYZ color 43.1338, 54.3031, 72.4981 looks on a white background.

Color Contrast Check

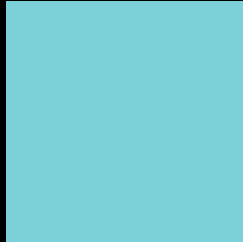
Large Text (above 18pt) WCAG AA × Fail

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 43.1338, 54.3031, 72.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

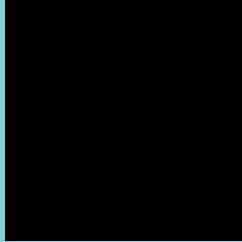
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1338, 54.3031, 72.4981

Background



This preview shows how black text looks on a background with the XYZ color 43.1338, 54.3031, 72.4981.



This preview shows how white text looks on a background with the XYZ color 43.1338, 54.3031,

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

43.1338, 54.3031, 72.4981

Protanopia

52.1172, 53.5764, 65.3520

Deuteranopia

54.8032, 53.7890, 74.5117



Tritanopia

44.2363, 54.3890, 77.9787

Trichromacy



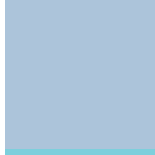
Original Color

43.1338, 54.3031, 72.4981



Protanomaly

48.0649, 53.4266, 68.1007



Deuteranomaly

49.4081, 53.3125, 74.0159



Tritanomaly

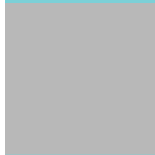
43.6885, 54.1529, 75.8601

Monochromacy



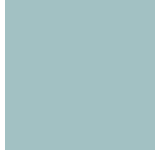
Original Color

43.1338, 54.3031, 72.4981



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.8206, 49.7614, 58.9251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1338, 54.3031, 72.4981 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(124, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(124, 208, 215)  
}
```

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(124, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 208, 215) }
```

Border

The CSS property to change the border of an element to XYZ 43.1338, 54.3031, 72.4981 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(124, 208, 215) }
```


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

```
.border{ border-color:rgb(124, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(124, 208,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1338, 54.3031, 72.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 208, 215) }
```

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

```
.background{ background-color: rgb(124,  
208, 215) }
```

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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