

Converting Colors

XYZ(32.9484, 43.2405, 70.2280)

Have a look what the booklet for
XYZ(32.9484, 43.2405, 70.2280)
contains.

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Color

**XYZ(32.9484, 43.2405,
70.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	41BFD6
RGB	65, 191, 214
RGB Percent	25%, 75%, 84%
CMY	0.7451, 0.2510, 0.1608
CMYK	0.70, 0.11, 0.00, 0.16
HSL	189°, 65%, 55%
HSV	189°, 70%, 84%
XYZ	32.9484, 43.2405, 70.2280
YIQ	155.9480, -82.4790, -19.5590

Conversions

Conversions Part 2

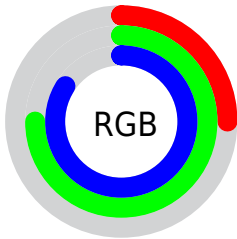
Format	Color
RYB	65, 133, 214
Decimal	4308950
CIELab	71.72, -26.86, -21.56
CIELCh	72, 34.442, 218.762
Yxy	43.2405, 0.2250, 0.2953
Android (android.graphics.Color)	4282499030 (0xFF41BFD6)
YUV	155.9480, 28.6196, -79.7614
Hunter-Lab	65.7575, -25.6366, -17.2905

Details

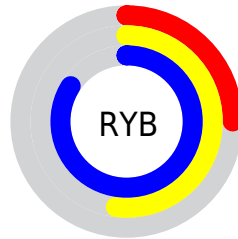
The XYZ color **32.9484, 43.2405, 70.2280** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **32.1767, 21.6588, 7.4872**, and the grayscale version is **31.4813, 33.1208, 36.0685**.

A 20% lighter version of the original color is **60.9775, 79.1801, 106.6772**, and **15.2037, 20.3945, 35.9361** is the 20% darker color. If you saturate the color by 10%, you get **31.0789, 41.2201, 69.9374**, and if you desaturate by 10%, it is **35.3733, 45.5730, 70.5512**.

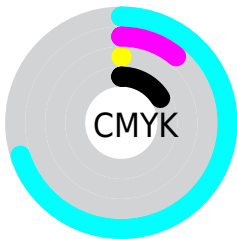
Distribution



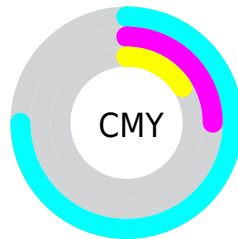
- Red (25%)
- Green (75%)
- Blue (84%)



- Red (25%)
- Yellow (52%)
- Blue (84%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9484, 43.2405, 70.2280 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 32.9484, 43.2405, 70.2280 by changing the saturation by 10% instead.

■ 32.9484, 43.2405,
70.2280

■ 32.9484, 43.2405,
70.2280

307.0863,
359.5999, 480.1609

■ 22.2460, 30.0739,
51.2345

■ 63.6502, 80.0737,
121.2180

■ 14.1554, 19.8947,
36.0172

■ 84.3802, 104.5090,
154.0516

■ 8.3112, 12.3185,
24.1577

■ 109.1835,
133.4693, 192.3356

■ 4.3482, 6.9610,
15.2374

■ 138.4254,
167.3390, 236.4885

■ 1.9010, 3.4377,
8.8377

172.4713,
206.5025, 286.9290

■ 0.5774, 1.3643,
4.5401

211.6865,

■ 0.0000, 0.1902,

251.3443, 344.0755

1.9261

256.4364,
302.2486, 408.3466

■ 0.0000, 0.0000,
0.5092

■ 0.0000, 0.0000,
0.0000

■ 32.9484, 43.2405,
70.2280

■ 32.9484, 43.2405,
70.2280

■ 31.0789, 41.2201,
69.9374

■ 35.3733, 45.5730,
70.5512

■ 29.6962, 39.4739,
69.6732

■ 38.4039, 48.2412,
70.9065

■ 28.6906, 37.9458,
69.4313

■ 42.0893, 51.2713,
71.2971

■ 28.6551, 37.8898,
69.4223

■ 46.4723, 54.6857,
71.7252

■ 51.5921, 58.5047,
72.1925

■ 57.4851, 62.7471,
72.7007

■ 64.1849, 67.4305,
73.2516

■ 71.7235, 72.5714,
73.8466

■ 79.1637, 77.6870,
74.4418

Harmonies

Analogous

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



30.9678, 43.2405, 52.1533



32.9484, 43.2405, 70.2280



37.1631, 43.2405, 83.8771

Triad

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



32.9484, 43.2405, 70.2280



52.4814, 43.2405, 59.7211



39.4116, 43.2405, 21.9094

Complementary

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



32.9484, 43.2405, 70.2280



32.1767, 21.6588, 7.4872

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.



45.3030, 43.2405, 23.0140



32.9484, 43.2405, 70.2280



53.2285, 43.2405, 42.3497

Square

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



32.9484, 43.2405, 70.2280



48.5393, 43.2405, 76.8805



50.4933, 43.2405, 29.6778



34.4604, 43.2405, 26.1903

Rectangle

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



32.9484, 43.2405, 70.2280



40.8566, 43.2405, 87.1174



50.4933, 43.2405, 29.6778



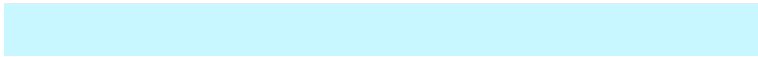
41.3419, 43.2405, 21.6893

Sweetspot

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



32.9498, 43.2421, 70.2290



75.4380, 86.0589, 107.2428



27.9625, 49.9119, 17.2540



15.6789, 18.0738, 22.9122



0.0000, 0.0000, 0.0000



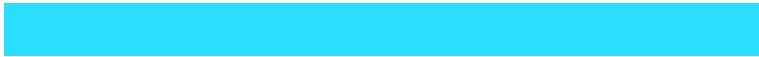
20.3446, 21.4041, 23.3091

Same Dimension

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



32.9498, 43.2421, 70.2290



45.0608, 59.8959, 103.7939



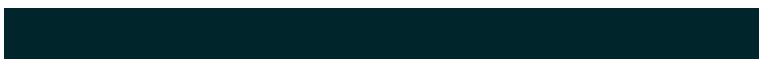
20.6979, 18.7384, 66.1451



12.6213, 13.7661, 15.9294



17.3821, 23.0261, 41.9815



1.0935, 1.4790, 2.5471

Inverse Universe

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



39.0270, 21.8397, 51.4504



55.2023, 28.1026, 71.5772



41.5810, 40.4674, 10.6219



12.8668, 12.5982, 15.2389



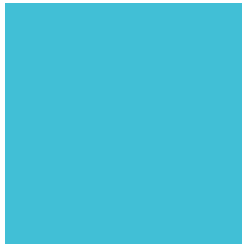
21.8326, 10.6693, 27.4860



1.3396, 0.6526, 1.7776

Previews

White Background



This preview shows how the XYZ color 32.9484, 43.2405, 70.2280 looks on a white background.

Color Contrast Check

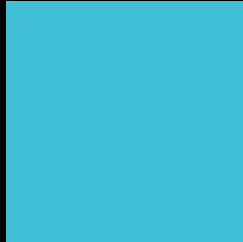
Large Text (above 18pt) WCAG AA × Fail

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 32.9484, 43.2405, 70.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

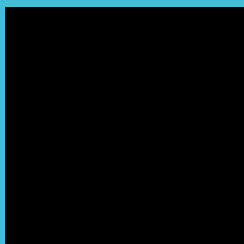
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

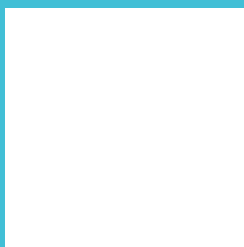
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9484, 43.2405, 70.2280

Background



This preview shows how black text looks on a background with the XYZ color 32.9484, 43.2405, 70.2280.



This preview shows how white text looks on a background with the XYZ color 32.9484, 43.2405,

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

32.9484, 43.2405, 70.2280

Protanopia

41.9664, 42.5864, 61.8852

Deuteranopia

43.5800, 42.6228, 72.2598



Tritanopia

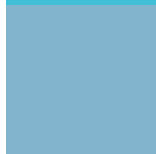
32.1593, 43.2454, 66.3267

Trichromacy



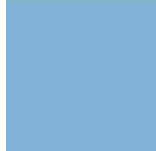
Original Color

32.9484, 43.2405, 70.2280



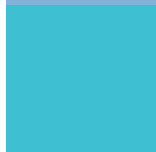
Protanomaly

36.8219, 41.9240, 64.5439



Deuteranomaly

37.8049, 41.6758, 71.6974



Tritanomaly

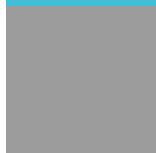
32.4691, 43.3766, 67.6340

Monochromacy



Original Color

32.9484, 43.2405, 70.2280



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

30.2922, 35.7612, 46.9010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9484, 43.2405, 70.2280 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(65, 191, 214)` looks like.

```
.text, #text, p{  
    color:rgb(65, 191, 214)  
}
```

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(65, 191, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 191, 214) }
```

Border

The CSS property to change the border of an element to XYZ 32.9484, 43.2405, 70.2280 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(65, 191, 214) }
```


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

```
.border{ border-color:rgb(65, 191, 214) }
```

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

Here you see how a box with a 4 pixel rgb(65, 191, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 191, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 191, 214);  
box-shadow:4px 4px 4px 4px rgb(65, 191,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9484, 43.2405, 70.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 191, 214) }
```

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

```
.background{ background-color: rgb(65, 191,  
214) }
```

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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