

Converting Colors

XYZ(29.8792, 38.7280, 74.3071)

Have a look what the booklet for
XYZ(29.8792, 38.7280, 74.3071)
contains.

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Color

**XYZ(29.8792, 38.7280,
74.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	08B6DD
RGB	8, 182, 221
RGB Percent	3%, 71%, 87%
CMY	0.9684, 0.2863, 0.1333
CMYK	0.96, 0.18, 0.00, 0.13
HSL	191°, 93%, 45%
HSV	191°, 96%, 87%
XYZ	29.8792, 38.7280, 74.3071
YIQ	134.4200, -116.2230, -24.7590

Conversions

Conversions Part 2

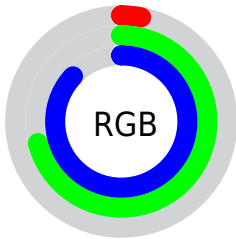
Format	Color
RYB	8, 104, 221
Decimal	571101
CIELab	68.55, -24.48, -30.30
CIELCh	69, 38.955, 231.065
Yxy	38.7280, 0.2091, 0.2710
Android (android.graphics.Color)	4278761181 (0xFF08B6DD)
YUV	134.4200, 42.6839, -110.8703
Hunter-Lab	62.2318, -23.2030, -27.2322

Details

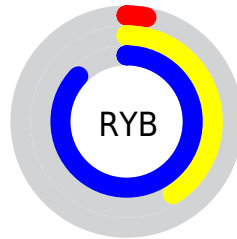
The XYZ color **29.8792, 38.7280, 74.3071** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **30.8817, 17.4269, 1.9672**, and the grayscale version is **22.6988, 23.8809, 26.0063**.

A 20% lighter version of the original color is **54.6879, 71.4949, 105.5253**, and **14.7332, 18.4537, 38.8618** is the 20% darker color. If you saturate the color by 10%, you get **29.4794, 38.0767, 74.2032**, and if you desaturate by 10%, it is **31.1605, 40.6376, 74.6089**.

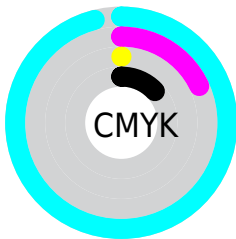
Distribution



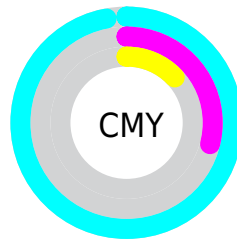
- Red (3%)
- Green (71%)
- Blue (87%)



- Red (3%)
- Yellow (41%)
- Blue (87%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8792, 38.7280, 74.3071 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 29.8792, 38.7280, 74.3071 by changing the saturation by 10% instead.

■ 29.8792, 38.7280,
74.3071

■ 29.8792, 38.7280,
74.3071

293.2609,
340.7327, 494.7243

■ 19.8945, 26.5482,
54.5471

■ 58.8590, 73.2226,
127.0691

■ 12.4262, 17.2342,
38.6431

■ 78.5849, 96.3062,
160.9082

■ 7.1089, 10.4016,
26.1765

■ 102.2885,
123.7932, 200.2774

■ 3.5772, 5.6660,
16.7288

■ 130.3353,
156.0679, 245.5953

■ 1.4659, 2.6431,
9.8814

■ 163.0906,
193.5149, 297.2804

■ 0.3024, 0.9484,
5.2158

200.9197,

■ 0.0000, 0.0000,

236.5184, 355.7513

2.3135

244.1880,
285.4629, 421.4264

■ 0.0000, 0.0000,
0.7388

■ 0.0000, 0.0000,
0.0000

■ 29.8792, 38.7280,
74.3071

■ 29.8792, 38.7280,
74.3071

■ 29.4794, 38.0767,
74.2032

■ 31.1605, 40.6376,
74.6089

■ 32.9149, 42.8262,
74.9389

■ 35.2263, 45.3381,
75.3019

■ 38.1606, 48.2076,
75.7011

■ 41.7741, 51.4640,
76.1392

■ 46.1167, 55.1332,
76.6186

■ 51.2336, 59.2388,
77.1414

■ 57.1659, 63.8024,
77.7095

■ 63.9523, 68.8440,
78.3250

Harmonies

Analogous

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



26.8573, 38.7280, 55.5225



29.8792, 38.7280, 74.3071



35.0068, 38.7280, 85.1526

Triad

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



29.8792, 38.7280, 74.3071



49.7445, 38.7280, 47.6394



32.7283, 38.7280, 17.8354

Complementary

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



29.8792, 38.7280, 74.3071



30.8817, 17.4269, 1.9672

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.



38.6736, 38.7280, 16.8138



29.8792, 38.7280, 74.3071



48.9596, 38.7280, 31.1478

Square

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



29.8792, 38.7280, 74.3071



46.7757, 38.7280, 67.1791



44.7369, 38.7280, 20.9603



28.3707, 38.7280, 24.2922

Rectangle

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



29.8792, 38.7280, 74.3071



39.1219, 38.7280, 84.8045



44.7369, 38.7280, 20.9603



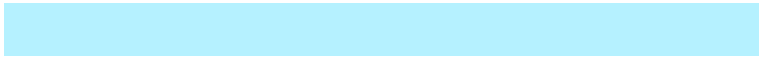
34.5906, 38.7280, 16.9323

Sweetspot

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



29.8805, 38.7294, 74.3081



68.7086, 80.2314, 106.4726



26.4036, 51.9439, 10.9725



14.0556, 16.6505, 22.7230



0.0000, 0.0000, 0.0000



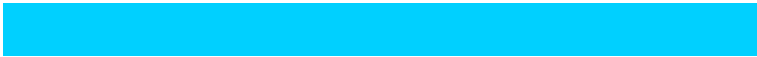
20.3446, 21.4041, 23.3091

Same Dimension

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



29.8805, 38.7294, 74.3081



40.6793, 52.4785, 102.5931



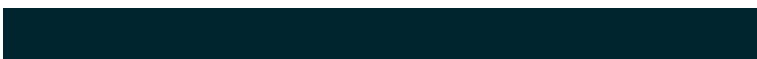
15.9505, 10.8693, 69.6647



13.2316, 14.4029, 16.7348



17.2018, 22.2730, 43.1309



1.1682, 1.5506, 2.8122

Inverse Universe

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



38.3503, 18.9246, 45.8888



52.6622, 25.8289, 62.0785



40.7724, 37.2082, 5.2641



13.5067, 13.2318, 15.9298



22.1780, 10.8722, 26.3811



1.4640, 0.7152, 1.8521

Previews

White Background



This preview shows how the XYZ color 29.8792, 38.7280, 74.3071 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 29.8792, 38.7280, 74.3071 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

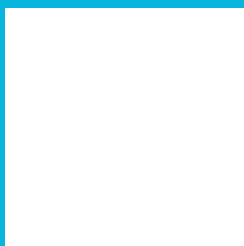
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8792, 38.7280, 74.3071

Background



This preview shows how black text looks on a background with the XYZ color 29.8792, 38.7280, 74.3071.



This preview shows how white text looks on a background with the XYZ color 29.8792, 38.7280,

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

29.8792, 38.7280, 74.3071

Protanopia

38.1782, 38.0735, 65.0112

Deuteranopia

39.2605, 38.3767, 76.5724



Tritanopia

27.6578, 38.8214, 60.0684

Trichromacy



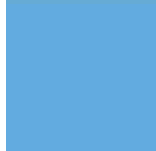
Original Color

29.8792, 38.7280, 74.3071



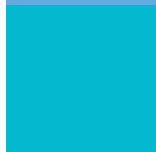
Protanomaly

32.0526, 36.7547, 68.3558



Deuteranomaly

33.0545, 37.1043, 75.9407



Tritanomaly

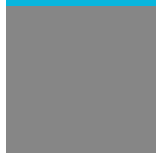
28.4405, 38.8053, 65.0227

Monochromacy



Original Color

29.8792, 38.7280, 74.3071



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

21.9740, 26.9611, 40.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8792, 38.7280, 74.3071 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(8, 182, 221)` looks like.

```
.text, #text, p{  
    color:rgb(8, 182, 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(8, 182, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 182, 221) }
```

Border

The CSS property to change the border of an element to XYZ 29.8792, 38.7280, 74.3071 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(8, 182, 221) }
```


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

```
.border{ border-color:rgb(8, 182, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 182, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 182, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 182, 221);  
box-shadow:4px 4px 4px 4px rgb(8, 182,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8792, 38.7280, 74.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 182, 221) }
```

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

```
.background{ background-color: rgb(8, 182,  
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](#).

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