

Converting Colors

XYZ(30.0588, 39.4483, 73.7402)

Have a look what the booklet for
XYZ(30.0588, 39.4483, 73.7402)
contains.

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Color

**XYZ(30.0588, 39.4483,
73.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	00B8DC
RGB	0, 184, 220
RGB Percent	0%, 72%, 86%
CMY	0.9998, 0.2784, 0.1373
CMYK	1.00, 0.16, 0.00, 0.14
HSL	190°, 100%, 43%
HSV	190°, 100%, 86%
XYZ	30.0588, 39.4483, 73.7402
YIQ	133.0880, -121.2200, -27.8120

Conversions

Conversions Part 2

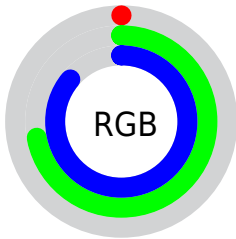
Format	Color
RYB	0, 100, 220
Decimal	47324
CIELab	69.07, -26.05, -28.95
CIELCh	69, 38.946, 228.026
Yxy	39.4483, 0.2098, 0.2754
Android (android.graphics.Color)	4278237404 (0xFF00B8DC)
YUV	133.0880, 42.8476, -116.7182
Hunter-Lab	62.8079, -24.4867, -25.6445

Details

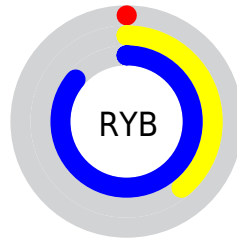
The XYZ color **30.0588, 39.4483, 73.7402** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **30.1485, 16.4811, 1.5938**, and the grayscale version is **22.2136, 23.3705, 25.4505**.

A 20% lighter version of the original color is **55.1539, 72.6043, 105.7149**, and **14.9078, 18.9492, 38.4691** is the 20% darker color. If you saturate the color by 10%, you get **30.0574, 39.4454, 73.7405**, and if you desaturate by 10%, it is **31.1491, 41.1357, 74.0092**.

Distribution



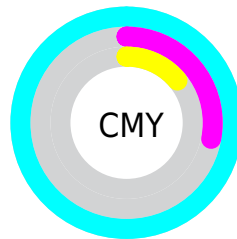
- Red (0%)
- Green (72%)
- Blue (86%)



- Red (0%)
- Yellow (39%)
- Blue (86%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0588, 39.4483, 73.7402 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 30.0588, 39.4483, 73.7402 by changing the saturation by 10% instead.

30.0588, 39.4483,
73.7402

30.0588, 39.4483,
73.7402

294.0833,
343.7927, 492.7156

20.0315, 27.1087,
54.0859

59.1411, 74.3227,
126.2581

12.5264, 17.6548,
38.2767

78.9269, 97.6262,
159.9588

7.1780, 10.7025,
25.8940

102.6962,
125.3531, 199.1787

3.6210, 5.8671,
16.5193

130.8144,
157.8878, 244.3364

1.4900, 2.7645,
9.7341

163.6469,
195.6148, 295.8504

0.3190, 1.0100,
5.1197

201.5590,

0.0000, 0.0000,

238.9183, 354.1392

2.2577

244.9160,
288.1828, 419.6215

■ 0.0000, 0.0000,
0.7074

■ 0.0000, 0.0000,
0.0000

■ 30.0588, 39.4483,
73.7402

■ 30.0588, 39.4483,
73.7402

■ 30.0574, 39.4454,
73.7405

■ 31.1491, 41.1357,
74.0092

■ 32.6349, 43.0548,
74.3013

■ 34.6405, 45.2704,
74.6233

■ 37.2354, 47.8188,
74.9784

■ 40.4782, 50.7302,
75.3695

■ 44.4202, 54.0314,
75.7989

■ 49.1076, 57.7463,
76.2689

■ 54.5825, 61.8968,
76.7814

■ 60.8837, 66.5031,
77.3384

Harmonies

Analogous

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



27.2430, 39.4483, 54.4337



30.0588, 39.4483, 73.7402



35.0702, 39.4483, 85.8679

Triad

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



30.0588, 39.4483, 73.7402



50.4372, 39.4483, 50.4489



33.9177, 39.4483, 17.9411

Complementary

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



30.0588, 39.4483, 73.7402



30.1485, 16.4811, 1.5938

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.



40.0279, 39.4483, 17.4238



30.0588, 39.4483, 73.7402



50.0404, 39.4483, 33.2111

Square

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



30.0588, 39.4483, 73.7402



47.0958, 39.4483, 70.1382



46.0651, 39.4483, 22.2069



29.2956, 39.4483, 23.8933

Rectangle

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



30.0588, 39.4483, 73.7402



39.1873, 39.4483, 86.5190



46.0651, 39.4483, 22.2069



35.8510, 39.4483, 17.2005

Sweetspot

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



30.0601, 39.4497, 73.7412



68.4199, 80.5340, 106.5462



25.8694, 51.2975, 9.9804



14.0234, 16.7512, 22.7442



0.0000, 0.0000, 0.0000



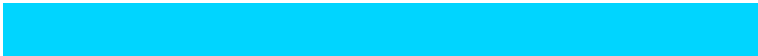
20.3446, 21.4041, 23.3091

Same Dimension

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



30.0601, 39.4497, 73.7412



41.9105, 54.9411, 103.0035



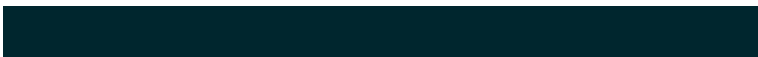
15.5757, 10.4808, 68.9130



13.2540, 14.4478, 16.7423



17.7099, 23.2893, 43.3003



1.1967, 1.6076, 2.8217

Inverse Universe

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



38.1682, 18.6779, 46.9422



53.2837, 26.0775, 65.3512



39.3415, 34.8672, 4.6582



13.5181, 13.2363, 15.9894



22.4345, 10.9748, 27.7317



1.4784, 0.7210, 1.9279

Previews

White Background



This preview shows how the XYZ color 30.0588, 39.4483, 73.7402 looks on a white background.

Color Contrast Check

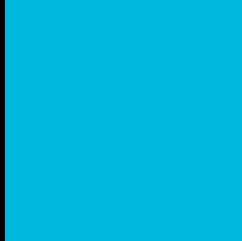
Large Text (above 18pt) WCAG AA × Fail

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 30.0588, 39.4483, 73.7402 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

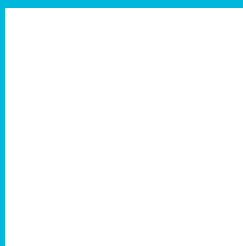
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0588, 39.4483, 73.7402

Background



This preview shows how black text looks on a background with the XYZ color 30.0588, 39.4483, 73.7402.

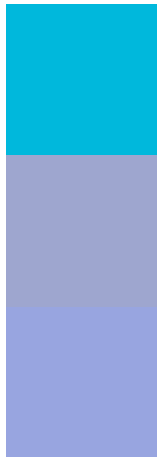


This preview shows how white text looks on a background with the XYZ color 30.0588, 39.4483,

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

30.0588, 39.4483, 73.7402

Protanopia

38.9993, 39.0465, 64.5127

Deuteranopia

39.8586, 38.9675, 75.9417



Tritanopia

28.1015, 39.3349, 61.3696

Trichromacy



Original Color

30.0588, 39.4483, 73.7402



Protanomaly

32.1941, 37.4073, 67.8109



Deuteranomaly

33.0016, 37.3741, 75.2866



Tritanomaly

28.7341, 39.2520, 65.7365

Monochromacy



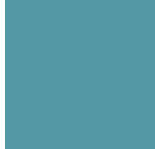
Original Color

30.0588, 39.4483, 73.7402



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

21.7661, 27.1044, 39.6818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0588, 39.4483, 73.7402 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(0, 184, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 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(0, 184, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 220) }
```

Border

The CSS property to change the border of an element to XYZ 30.0588, 39.4483, 73.7402 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(0, 184, 220) }
```


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

```
.border{ border-color:rgb(0, 184, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0588, 39.4483, 73.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 220) }
```

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

```
.background{ background-color: rgb(0, 184,  
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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