

Converting Colors

XYZ(24.3660, 31.8524, 68.8060)

Have a look what the booklet for
XYZ(24.3660, 31.8524, 68.8060)
contains.

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Color

**XYZ(26.1402, 32.8603,
68.5833)**

Conversions

Conversions Part 1

Format	Color
Hex	00A8D6
RGB	0, 168, 214
RGB Percent	0%, 66%, 84%
CMY	0.9998, 0.3412, 0.1608
CMYK	1.00, 0.21, 0.00, 0.16
HSL	193°, 100%, 42%
HSV	193°, 100%, 84%
XYZ	26.1402, 32.8603, 68.5833
YIQ	123.0120, -114.8940, -21.3100

Conversions

Conversions Part 2

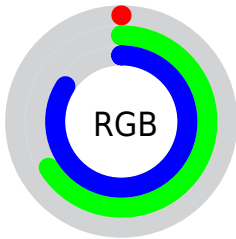
Format	Color
RYB	0, 94, 214
Decimal	43222
CIELab	64.05, -19.88, -33.43
CIELCh	64, 38.891, 239.265
Yxy	32.8603, 0.2049, 0.2576
Android (android.graphics.Color)	4278233302 (0xFF00A8D6)
YUV	123.0120, 44.8571, -107.8815
Hunter-Lab	57.3239, -18.9193, -30.8088

Details

The XYZ color **26.1402, 32.8603, 68.5833** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **28.7109, 16.2540, 1.6255**, and the grayscale version is **18.7197, 19.6946, 21.4474**.

A 20% lighter version of the original color is **50.0312, 62.8789, 104.1077**, and **12.5034, 14.9940, 35.0360** is the 20% darker color. If you saturate the color by 10%, you get **26.1389, 32.8573, 68.5835**, and if you desaturate by 10%, it is **27.3241, 34.7546, 68.8872**.

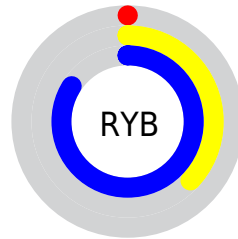
Distribution



Red (0%)

Green (66%)

Blue (84%)



Red (0%)

Yellow (37%)

Blue (84%)

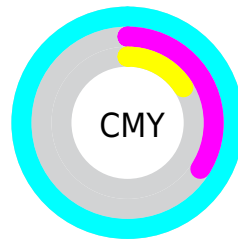


Cyan (100%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (100%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1402, 32.8603, 68.5833 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 26.1402, 32.8603, 68.5833 by changing the saturation by 10% instead.

■ 26.1402, 32.8603,
68.5833

■ 26.1402, 32.8603,
68.5833

275.7137,
315.0198, 474.2140

■ 17.0618, 22.0194,
49.9028

■ 52.9307, 64.1574,
118.8483

■ 10.3741, 13.8712,
34.9655

■ 71.3735, 85.3824,
151.2699

■ 5.7119, 8.0311,
23.3530

■ 93.6686, 110.8375,
189.1088

■ 2.7097, 4.1149,
14.6466

■ 120.1811,
140.9073, 232.7838

■ 1.0022, 1.7380,
8.4279

■ 151.2765,
175.9760, 282.7132

■ 0.0000, 0.4481,
4.2783

187.3202,

■ 0.0000, 0.0000,

216.4280, 339.3157

1.7792

228.6775,
262.6478, 403.0098

■ 0.0000, 0.0000,
0.4142

■ 0.0000, 0.0000,
0.0000

■ 26.1402, 32.8603,
68.5833

■ 26.1402, 32.8603,
68.5833

■ 26.1389, 32.8573,
68.5835

■ 27.3241, 34.7546,
68.8872

■ 28.8901, 36.8903,
69.2169

■ 30.9563, 39.3294,
69.5788

■ 33.5877, 42.1059,
69.9760

■ 36.8392, 45.2484,
70.4112

■ 40.7589, 48.7822,
70.8867

■ 45.3901, 52.7300,
71.4046

■ 50.7723, 57.1125,
71.9669

■ 56.9418, 61.9490,
72.5752

Harmonies

Analogous

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



22.8957, 32.8603, 52.6961



26.1402, 32.8603, 68.5833



31.0975, 32.8603, 75.3459

Triad

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



26.1402, 32.8603, 68.5833



43.0281, 32.8603, 36.1685



26.3490, 32.8603, 15.3479

Complementary

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



26.1402, 32.8603, 68.5833



28.7109, 16.2540, 1.6255

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.



31.3683, 32.8603, 13.2564



26.1402, 32.8603, 68.5833



41.3817, 32.8603, 22.9363

Square

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



26.1402, 32.8603, 68.5833



41.2186, 32.8603, 53.5703



36.9471, 32.8603, 15.5695



23.0059, 32.8603, 22.4406

Rectangle

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



26.1402, 32.8603, 68.5833



34.8486, 32.8603, 72.6012



36.9471, 32.8603, 15.5695



27.8761, 32.8603, 14.1482

Sweetspot

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



26.1413, 32.8614, 68.5841



67.2608, 78.2157, 106.1599



24.4805, 48.2672, 10.2962



13.7436, 16.1916, 22.6509



0.0000, 0.0000, 0.0000



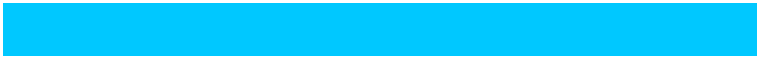
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1413, 32.8614, 68.5841



38.7451, 48.6102, 101.9484



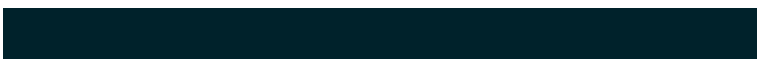
13.9849, 8.5486, 64.5320



12.5551, 13.6336, 15.9073



15.8778, 20.0174, 41.4801



1.0154, 1.3228, 2.5211

Inverse Universe

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



34.8005, 17.1246, 38.5180



51.6859, 25.4384, 56.9376



38.6090, 36.0501, 4.9248



12.8334, 12.5848, 15.0628



21.0732, 10.3656, 23.4875



1.3002, 0.6369, 1.5700

Previews

White Background



This preview shows how the XYZ color 26.1402, 32.8603, 68.5833 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 26.1402, 32.8603, 68.5833 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 26.1402, 32.8603, 68.5833

Background



This preview shows how black text looks on a background with the XYZ color 26.1402, 32.8603, 68.5833.

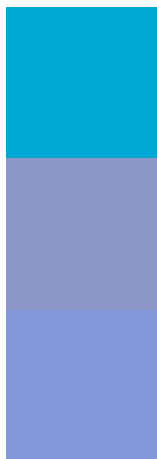


This preview shows how white text looks on a background with the XYZ color 26.1402, 32.8603,

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

26.1402, 32.8603, 68.5833

Protanopia

32.8734, 32.3835, 60.3951

Deuteranopia

33.5618, 32.7500, 70.8821



Tritanopia

23.5095, 33.0078, 51.0310

Trichromacy



Original Color

26.1402, 32.8603, 68.5833



Protanomaly

27.5839, 31.0836, 62.9384



Deuteranomaly

28.4074, 31.3483, 70.1992



Tritanomaly

24.5267, 33.1113, 57.3230

Monochromacy



Original Color

26.1402, 32.8603, 68.5833



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

18.3753, 22.4852, 34.8241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1402, 32.8603, 68.5833 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, 168, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 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(0, 168, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 214) }
```

Border

The CSS property to change the border of an element to XYZ 26.1402, 32.8603, 68.5833 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, 168, 214) }
```


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

```
.border{ border-color:rgb(0, 168, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1402, 32.8603, 68.5833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 214) }
```

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

```
.background{ background-color: rgb(0, 168,  
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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