

Converting Colors

XYZ(8.1659, 21.9918, 73.8932)

Have a look what the booklet for
XYZ(8.1659, 21.9918, 73.8932)
contains.

XYZ(26.4165, 31.5221, 74.5041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4165, 31.5221,
74.5041)**

Conversions

Conversions Part 1

Format	Color
Hex	00A3DF
RGB	0, 163, 223
RGB Percent	0%, 64%, 87%
CMY	0.9998, 0.3608, 0.1255
CMYK	1.00, 0.27, 0.00, 0.13
HSL	196°, 100%, 44%
HSV	196°, 100%, 87%
XYZ	26.4165, 31.5221, 74.5041
YIQ	121.1030, -116.4080, -15.8960

Conversions

Conversions Part 2

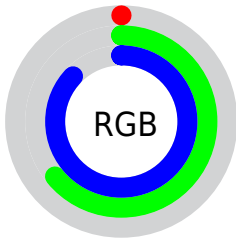
Format	Color
RYB	0, 94, 223
Decimal	41951
CIELab	62.95, -13.99, -40.13
CIELCh	63, 42.493, 250.785
Yxy	31.5221, 0.1995, 0.2380
Android (android.graphics.Color)	4278232031 (0xFF00A3DF)
YUV	121.1030, 50.2352, -106.2073
Hunter-Lab	56.1445, -14.2671, -39.3770

Details

The XYZ color **26.4165, 31.5221, 74.5041** 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 **32.0509, 18.9261, 1.9655**, and the grayscale version is **18.0830, 19.0248, 20.7180**.

A 20% lighter version of the original color is **48.9471, 60.3661, 103.6798**, and **12.6595, 14.1589, 38.6249** is the 20% darker color. If you saturate the color by 10%, you get **26.4141, 31.5171, 74.5039**, and if you desaturate by 10%, it is **27.8468, 33.8796, 74.8844**.

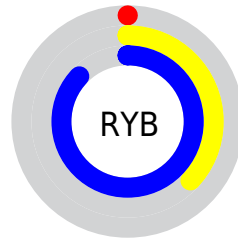
Distribution



Red (0%)

Green (64%)

Blue (87%)



Red (0%)

Yellow (37%)

Blue (87%)

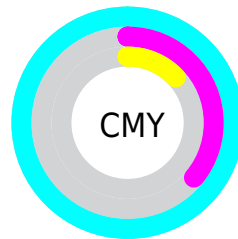


Cyan (100%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (100%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4165, 31.5221, 74.5041 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 26.4165, 31.5221, 74.5041 by changing the saturation by 10% instead.

■ 26.4165, 31.5221,
74.5041

■ 26.4165, 31.5221,
74.5041

277.0401,
308.9365, 495.4212

■ 17.2698, 20.9967,
54.7074

■ 53.3726, 62.0611,
127.3508

■ 10.5235, 13.1216,
38.7705

■ 71.9128, 82.8436,
161.2379

■ 5.8123, 7.5123,
26.2748

■ 94.3148, 107.8139,
200.6589

■ 2.7709, 3.7845,
16.8017

■ 120.9440,
137.3564, 246.0323

■ 1.0338, 1.5538,
9.9328

■ 152.1658,
171.8555, 297.7767

■ 0.0000, 0.3261,
5.2494

188.3455,

■ 0.0000, 0.0000,

211.6956, 356.3107

2.3330

229.8484,
257.2611, 422.0526

■ 0.0000, 0.0000,
0.7496

■ 0.0000, 0.0000,
0.0000

■ 26.4165, 31.5221,
74.5041

■ 26.4165, 31.5221,
74.5041

■ 26.4141, 31.5171,
74.5039

■ 27.8468, 33.8796,
74.8844

■ 29.7176, 36.5398,
75.2993

■ 32.1565, 39.5699,
75.7556

■ 35.2361, 43.0084,
76.2570

■ 39.0176, 46.8877,
76.8065

■ 43.5545, 51.2364,
77.4067

■ 48.8949, 56.0802,
78.0602

■ 55.0829, 61.4426,
78.7691

■ 62.1591, 67.3456,
79.5356

Harmonies

Analogous

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



22.2405, 31.5221, 59.8931



26.4165, 31.5221, 74.5041



32.1105, 31.5221, 76.5734

Triad

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



26.4165, 31.5221, 74.5041



42.3945, 31.5221, 28.6517



23.2108, 31.5221, 15.2830

Complementary

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



26.4165, 31.5221, 74.5041



32.0509, 18.9261, 1.9655

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.



27.9092, 31.5221, 11.4389



26.4165, 31.5221, 74.5041



39.2882, 31.5221, 17.3154

Square

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



26.4165, 31.5221, 74.5041



41.8586, 31.5221, 46.0259



33.8088, 31.5221, 12.0370



20.5627, 31.5221, 24.7925

Rectangle

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



26.4165, 31.5221, 74.5041



36.0805, 31.5221, 70.0066



33.8088, 31.5221, 12.0370



24.5755, 31.5221, 13.4509

Sweetspot

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



26.4176, 31.5232, 74.5049



66.0653, 75.8247, 105.7614



27.1914, 53.0973, 13.0231



13.4560, 15.6164, 22.5550



0.0000, 0.0000, 0.0000



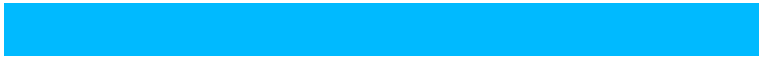
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4176, 31.5232, 74.5049



35.6876, 42.4953, 100.9292



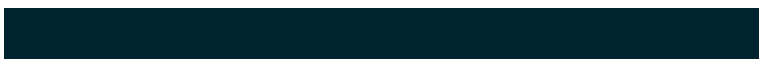
14.5517, 7.7912, 70.5496



13.7883, 14.9157, 17.5400



15.6289, 18.7273, 43.8394



1.1560, 1.4435, 3.0629

Inverse Universe

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



37.0434, 18.3338, 36.2375



50.1427, 24.8211, 48.8108



44.9914, 44.8070, 6.2790



14.1294, 13.8694, 16.4513



21.8289, 10.7986, 21.5627



1.5498, 0.7632, 1.6879

Previews

White Background



This preview shows how the XYZ color 26.4165, 31.5221, 74.5041 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 26.4165, 31.5221, 74.5041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

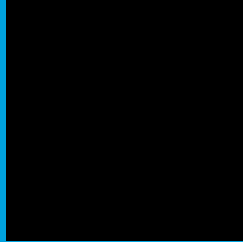
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4165, 31.5221, 74.5041

Background



This preview shows how black text looks on a background with the XYZ color 26.4165, 31.5221, 74.5041.



This preview shows how white text looks on a background with the XYZ color 26.4165, 31.5221,

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

26.4165, 31.5221, 74.5041

Protanopia

32.1468, 31.1539, 66.6063

Deuteranopia

32.2653, 31.4758, 76.3264



Tritanopia

22.3431, 31.3415, 48.5880

Trichromacy



Original Color

26.4165, 31.5221, 74.5041



Protanomaly

27.6064, 29.9539, 69.2924



Deuteranomaly

28.2136, 30.3748, 75.6101



Tritanomaly

23.6000, 31.2580, 57.0141

Monochromacy



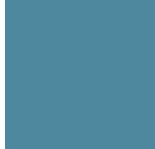
Original Color

26.4165, 31.5221, 74.5041



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

18.0363, 21.6547, 35.5769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4165, 31.5221, 74.5041 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, 163, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 223)  
}
```

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, 163, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 223) }
```

Border

The CSS property to change the border of an element to XYZ 26.4165, 31.5221, 74.5041 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, 163, 223) }
```


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

```
.border{ border-color:rgb(0, 163, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 163, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 163, 223); box-shadow:4px 4px 4px 4px rgb(0, 163, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4165, 31.5221, 74.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 223) }
```

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

```
.background{ background-color: rgb(0, 163,  
223) }
```

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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