

Converting Colors

XYZ(16.0708, 25.6077, 75.4369)

Have a look what the booklet for
XYZ(16.0708, 25.6077, 75.4369)
contains.

XYZ(26.3355, 30.9260, 75.8154)	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(26.3355, 30.9260,
75.8154)**

Conversions

Conversions Part 1

Format	Color
Hex	00A1E1
RGB	0, 161, 225
RGB Percent	0%, 63%, 88%
CMY	0.9998, 0.3686, 0.1176
CMYK	1.00, 0.28, 0.00, 0.12
HSL	197°, 100%, 44%
HSV	197°, 100%, 88%
XYZ	26.3355, 30.9260, 75.8154
YIQ	120.1570, -116.5000, -14.2280

Conversions

Conversions Part 2

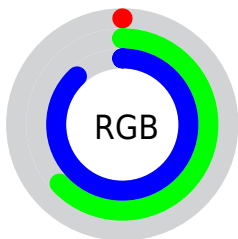
Format	Color
RYB	0, 94, 225
Decimal	41441
CIELab	62.45, -12.16, -42.02
CIELCh	62, 43.742, 253.859
Yxy	30.9260, 0.1979, 0.2324
Android (android.graphics.Color)	4278231521 (0xFF00A1E1)
YUV	120.1570, 51.6876, -105.3777
Hunter-Lab	55.6111, -12.7881, -41.9030

Details

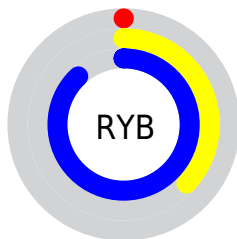
The XYZ color **26.3355, 30.9260, 75.8154** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **32.8886, 19.6813, 2.0672**, and the grayscale version is **17.7754, 18.7011, 20.3655**.

A 20% lighter version of the original color is **48.4316, 59.3350, 103.5079**, and **12.7374, 14.0164, 39.5702** is the 20% darker color. If you saturate the color by 10%, you get **26.3329, 30.9207, 75.8152**, and if you desaturate by 10%, it is **27.8268, 33.3988, 76.2147**.

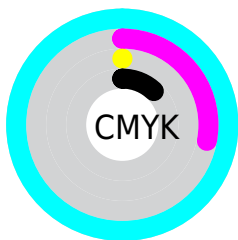
Distribution



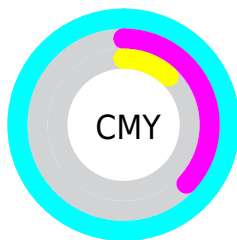
- Red (0%)
- Green (63%)
- Blue (88%)



- Red (0%)
- Yellow (37%)
- Blue (88%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (37%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3355, 30.9260, 75.8154 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 26.3355, 30.9260, 75.8154 by changing the saturation by 10% instead.

■ 26.3355, 30.9260,
75.8154

■ 26.3355, 30.9260,
75.8154

276.6518,
306.1973, 500.0455

■ 17.2088, 20.5425,
55.7754

■ 53.2431, 61.1235,
129.2236

■ 10.4797, 12.7900,
39.6201

■ 71.7548, 81.7064,
163.4289

■ 5.7828, 7.2841,
26.9309

■ 94.1255, 106.4578,
203.1931

■ 2.7529, 3.6404,
17.2894

■ 120.7206,
135.7622, 248.9346

■ 1.0245, 1.4745,
10.2769

■ 151.9054,
170.0039, 301.0721

■ 0.0000, 0.2707,
5.4749

188.0453,

■ 0.0000, 0.0000,

209.5674, 360.0241

2.4650

229.5056,
254.8371, 426.2090

■ 0.0000, 0.0000,
0.8215

■ 0.0000, 0.0000,
0.0000

■ 26.3355, 30.9260,
75.8154

■ 26.3355, 30.9260,
75.8154

■ 26.3329, 30.9207,
75.8152

■ 27.8268, 33.3988,
76.2147

■ 29.7740, 36.1923,
76.6513

■ 32.3070, 39.3755,
77.1322

■ 35.5003, 42.9876,
77.6611

■ 39.4165, 47.0622,
78.2412

■ 44.1103, 51.6286,
78.8752

■ 49.6313, 56.7135,
79.5657

■ 56.0244, 62.3412,
80.3150

■ 63.3313, 68.5342,
81.1253

Harmonies

Analogous

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



21.9121, 30.9260, 61.7619



26.3355, 30.9260, 75.8154



32.2123, 30.9260, 76.3955

Triad

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



26.3355, 30.9260, 75.8154



41.9192, 30.9260, 26.4381



22.1773, 30.9260, 15.1822

Complementary

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



26.3355, 30.9260, 75.8154



32.8886, 19.6813, 2.0672

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.



26.7455, 30.9260, 10.8708



26.3355, 30.9260, 75.8154



38.4109, 30.9260, 15.7298

Square

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



26.3355, 30.9260, 75.8154



41.7704, 30.9260, 43.5970



32.6811, 30.9260, 11.0301



19.7415, 30.9260, 25.3826

Rectangle

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



26.3355, 30.9260, 75.8154



36.2191, 30.9260, 68.7422



32.6811, 30.9260, 11.0301



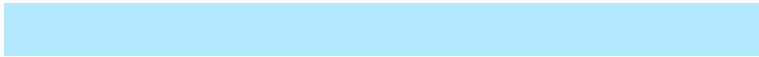
23.4855, 30.9260, 13.1768

Sweetspot

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



26.3366, 30.9270, 75.8162



65.7304, 75.1550, 105.6497



27.8457, 54.2191, 13.8174



13.3756, 15.4556, 22.5282



0.0000, 0.0000, 0.0000



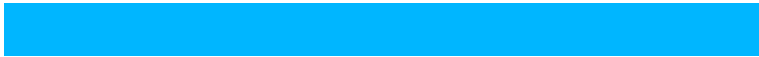
20.3446, 21.4041, 23.3091

Same Dimension

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



26.3366, 30.9270, 75.8162



34.8700, 40.8600, 100.6567



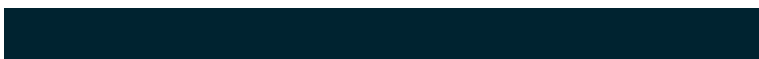
14.6813, 7.6164, 71.9311



13.7698, 14.8788, 17.5338



15.2783, 18.0261, 43.7225



1.1341, 1.3996, 3.0556

Inverse Universe

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



37.4854, 18.5823, 35.3300



49.7300, 24.6560, 46.6375



46.6290, 47.1620, 6.6473



14.1200, 13.8657, 16.4023



21.6520, 10.7278, 20.6308



1.5387, 0.7587, 1.6295

Previews

White Background



This preview shows how the XYZ color 26.3355, 30.9260, 75.8154 looks on a white background.

Color Contrast Check

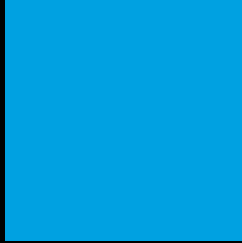
Large Text (above 18pt) WCAG AA × Fail

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 26.3355, 30.9260, 75.8154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

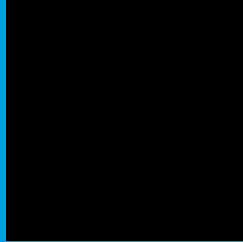
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3355, 30.9260, 75.8154

Background



This preview shows how black text looks on a background with the XYZ color 26.3355, 30.9260, 75.8154.

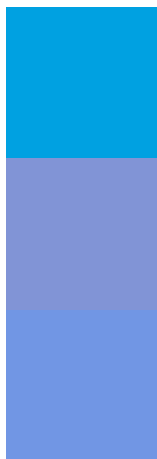


This preview shows how white text looks on a background with the XYZ color 26.3355, 30.9260,

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

26.3355, 30.9260, 75.8154

Protanopia

31.7808, 30.7020, 67.8694

Deuteranopia

31.7200, 30.9248, 77.6961



Tritanopia

21.9554, 30.8921, 47.4534

Trichromacy



Original Color

26.3355, 30.9260, 75.8154

Protanomaly

27.5258, 29.6383, 70.5997

Deuteranomaly

28.0932, 30.0350, 76.9897

Tritanomaly

23.4189, 30.8958, 56.9537

Monochromacy



Original Color

26.3355, 30.9260, 75.8154

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8160, 21.3331, 35.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3355, 30.9260, 75.8154 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, 161, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 225)  
}
```

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, 161, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 225) }
```

Border

The CSS property to change the border of an element to XYZ 26.3355, 30.9260, 75.8154 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, 161, 225) }
```


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

```
.border{ border-color:rgb(0, 161, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3355, 30.9260, 75.8154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 225) }
```

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

```
.background{ background-color: rgb(0, 161,  
225) }
```

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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