

Converting Colors

XYZ(26.6397, 35.3238, 64.0928)

Have a look what the booklet for
XYZ(26.6397, 35.3238, 64.0928)
contains.

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Color

**XYZ(26.4956, 35.1291,
63.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	02AFCE
RGB	2, 175, 206
RGB Percent	1%, 69%, 81%
CMY	0.9920, 0.3137, 0.1922
CMYK	0.99, 0.15, 0.00, 0.19
HSL	189°, 98%, 41%
HSV	189°, 99%, 81%
XYZ	26.4956, 35.1291, 63.7766
YIQ	126.8070, -113.0590, -27.0350

Conversions

Conversions Part 2

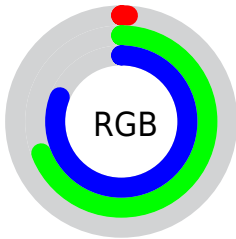
Format	Color
R_{YB}	2, 96, 206
Decimal	176078
CIE _{Lab}	65.85, -26.17, -26.22
CIE _{LCh}	66, 37.048, 225.051
Yxy	35.1291, 0.2113, 0.2801
Android (android.graphics.Color)	4278366158 (0xFF02AFCE)
YUV	126.8070, 39.0421, -109.4557
Hunter-Lab	59.2698, -23.9266, -22.3095

Details

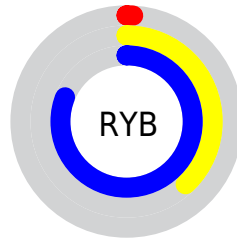
The XYZ color **26.4956, 35.1291, 63.7766** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **26.0103, 14.2168, 1.4320**, and the grayscale version is **20.0102, 21.0523, 22.9259**.

A 20% lighter version of the original color is **52.2194, 67.2554, 104.8371**, and **12.6270, 16.1861, 32.1645** is the 20% darker color. If you saturate the color by 10%, you get **26.4106, 34.9961, 63.7561**, and if you desaturate by 10%, it is **27.4330, 36.5282, 63.9979**.

Distribution



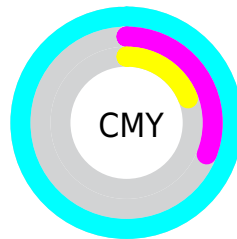
- Red (1%)
- Green (69%)
- Blue (81%)



- Red (1%)
- Yellow (38%)
- Blue (81%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (99%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4956, 35.1291, 63.7766 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 26.4956, 35.1291, 63.7766 by changing the saturation by 10% instead.

■ 26.4956, 35.1291,
63.7766

■ 26.4956, 35.1291,
63.7766

277.4188,
325.1378, 456.5678

■ 17.3294, 23.7623,
46.0247

■ 53.4990, 67.6857,
111.8855

■ 10.5664, 15.1574,
31.9165

■ 72.0669, 89.6444,
143.0796

■ 5.8412, 8.9299,
21.0335

■ 94.4995, 115.9024,
179.5916

■ 2.7885, 4.6955,
12.9570

■ 121.1620,
146.8443, 221.8399

■ 1.0429, 2.0697,
7.2686

■ 152.4198,
182.8544, 270.2432

■ 0.0000, 0.6475,
3.5496

188.6383,

■ 0.0000, 0.0000,

224.3171, 325.2198

1.3817

230.1829,
271.6167, 387.1885

■ 0.0000, 0.0000,
0.1274

■ 0.0000, 0.0000,
0.0000

■ 26.4956, 35.1291,
63.7766

■ 26.4956, 35.1291,
63.7766

■ 26.4106, 34.9961,
63.7561

■ 27.4330, 36.5282,
63.9979

■ 28.7251, 38.1306,
64.2391

■ 30.4680, 39.9867,
64.5055

■ 32.7194, 42.1263,
64.7999

■ 35.5283, 44.5748,
65.1244

■ 38.9379, 47.3547,
65.4813

■ 42.9870, 50.4860,
65.8723

■ 47.7112, 53.9872,
66.2991

■ 53.1431, 57.8754,
66.7633

Harmonies

Analogous

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



24.2266, 35.1291, 46.6177



26.4956, 35.1291, 63.7766



30.7486, 35.1291, 75.3613

Triad

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



26.4956, 35.1291, 63.7766



44.6178, 35.1291, 46.5588



30.7315, 35.1291, 15.9103

Complementary

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



26.4956, 35.1291, 63.7766



26.0103, 14.2168, 1.4320

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.



36.1767, 35.1291, 15.9026



26.4956, 35.1291, 63.7766



44.6119, 35.1291, 30.9481

Square

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



26.4956, 35.1291, 63.7766



41.4006, 35.1291, 63.7234



41.3853, 35.1291, 20.6453



26.4843, 35.1291, 20.6704

Rectangle

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



26.4956, 35.1291, 63.7766



34.3238, 35.1291, 76.7887



41.3853, 35.1291, 20.6453



32.4716, 35.1291, 15.4051

Sweetspot

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



26.4968, 35.1303, 63.7775



68.6873, 81.0688, 106.6354



22.3667, 44.2641, 8.7776



14.0881, 16.8806, 22.7657



0.0000, 0.0000, 0.0000



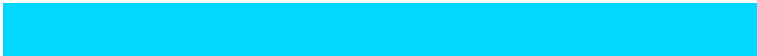
20.3446, 21.4041, 23.3091

Same Dimension

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



26.4968, 35.1303, 63.7775



42.6681, 56.4561, 103.2560



13.5774, 9.2915, 59.4710



11.3924, 12.4252, 14.3682



16.3198, 21.6636, 39.2776



0.8822, 1.1982, 2.0397

Inverse Universe

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



33.2142, 16.2617, 41.9469



53.6661, 26.2304, 67.3648



34.0758, 30.3479, 4.1206



11.6114, 11.3733, 13.7543



20.4484, 9.9899, 25.8776



1.0753, 0.5235, 1.4422

Previews

White Background



This preview shows how the XYZ color 26.4956, 35.1291, 63.7766 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 26.4956, 35.1291, 63.7766 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

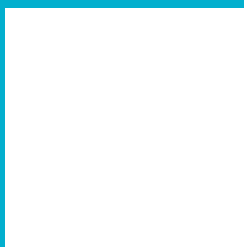
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4956, 35.1291, 63.7766

Background



This preview shows how black text looks on a background with the XYZ color 26.4956, 35.1291, 63.7766.

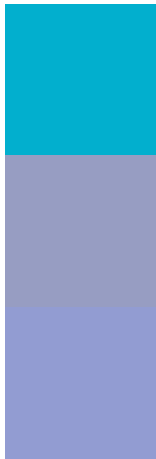


This preview shows how white text looks on a background with the XYZ color 26.4956, 35.1291,

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

26.4956, 35.1291, 63.7766

Protanopia

34.5571, 34.5883, 55.8938

Deuteranopia

35.3754, 34.5411, 65.7754



Tritanopia

25.1261, 35.2059, 54.7613

Trichromacy



Original Color

26.4956, 35.1291, 63.7766



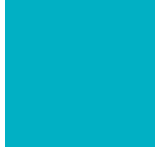
Protanomaly

28.3983, 33.1695, 58.3317



Deuteranomaly

29.2219, 33.1775, 65.1853



Tritanomaly

25.5017, 35.0426, 57.6444

Monochromacy



Original Color

26.4956, 35.1291, 63.7766



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.4537, 24.1407, 35.0868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4956, 35.1291, 63.7766 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(2, 175, 206)` looks like.

```
.text, #text, p{  
    color:rgb(2, 175, 206)  
}
```

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(2, 175, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 175, 206) }
```

Border

The CSS property to change the border of an element to XYZ 26.4956, 35.1291, 63.7766 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(2, 175, 206) }
```


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

```
.border{ border-color:rgb(2, 175, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 175, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 175, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 175, 206);  
box-shadow:4px 4px 4px 4px rgb(2, 175,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4956, 35.1291, 63.7766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 175, 206) }
```

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

```
.background{ background-color: rgb(2, 175,  
206) }
```

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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