

Converting Colors

XYZ(7.6876, 26.2477, 61.1560)

Have a look what the booklet for
XYZ(7.6876, 26.2477, 61.1560)
contains.

XYZ(26.6999, 36.1526, 62.0708)	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(26.6999, 36.1526,
62.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	00B2CB
RGB	0, 178, 203
RGB Percent	0%, 70%, 80%
CMY	0.9998, 0.3020, 0.2039
CMYK	1.00, 0.12, 0.00, 0.20
HSL	187°, 100%, 40%
HSV	187°, 100%, 80%
XYZ	26.6999, 36.1526, 62.0708
YIQ	127.6280, -114.1130, -29.9610

Conversions

Conversions Part 2

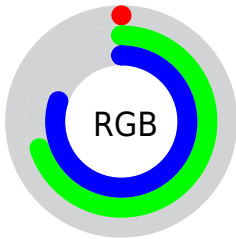
Format	Color
RYB	0, 95, 203
Decimal	45771
CIELab	66.64, -28.73, -23.36
CIELCh	67, 37.026, 219.111
Yxy	36.1526, 0.2137, 0.2894
Android (android.graphics.Color)	4278235851 (0xFF00B2CB)
YUV	127.6280, 37.1584, -111.9298
Hunter-Lab	60.1270, -25.9579, -19.1178

Details

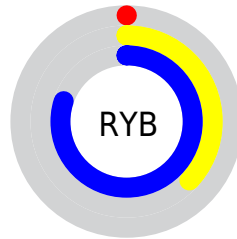
The XYZ color **26.6999, 36.1526, 62.0708** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **24.9778, 13.3940, 1.2702**, and the grayscale version is **20.2983, 21.3553, 23.2560**.

A 20% lighter version of the original color is **52.9523, 68.8904, 105.1140**, and **12.7584, 16.8372, 31.0112** is the 20% darker color. If you saturate the color by 10%, you get **26.6993, 36.1513, 62.0713**, and if you desaturate by 10%, it is **27.4982, 37.3102, 62.2529**.

Distribution



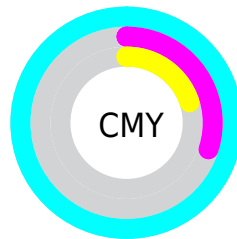
- Red (0%)
- Green (70%)
- Blue (80%)



- Red (0%)
- Yellow (37%)
- Blue (80%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6999, 36.1526, 62.0708 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 26.6999, 36.1526, 62.0708 by changing the saturation by 10% instead.

■ 26.6999, 36.1526,
62.0708

■ 26.6999, 36.1526,
62.0708

278.3953,
329.6270, 450.2041

■ 17.4834, 24.5521,
44.6538

■ 53.8252, 69.2675,
109.4004

■ 10.6772, 15.7437,
30.8438

■ 72.4647, 91.5507,
140.1501

■ 5.9159, 9.3429,
20.2225

■ 94.9760, 118.1636,
176.1811

■ 2.8342, 4.9655,
12.3712

■ 121.7243,
149.4906, 217.9119

■ 1.0667, 2.2271,
6.8714

■ 153.0750,
185.9160, 265.7610

■ 0.0000, 0.7347,
3.3046

189.3935,

■ 0.0000, 0.0000,

227.8243, 320.1471

1.2522

231.0451,
275.5998, 381.4886

■ 0.0000, 0.0000,
0.0221

■ 0.0000, 0.0000,
0.0000

■ 26.6999, 36.1526,
62.0708

■ 26.6999, 36.1526,
62.0708

■ 26.6993, 36.1513,
62.0713

■ 27.4982, 37.3102,
62.2529

■ 28.6142, 38.6444,
62.4516

■ 30.1554, 40.2113,
62.6728

■ 32.1783, 42.0403,
62.9192

■ 34.7309, 44.1561,
63.1931

■ 37.8551, 46.5805,
63.4963

■ 41.5888, 49.3328,
63.8308

■ 45.9664, 52.4311,
64.1981

■ 51.0199, 55.8917,
64.5997

Harmonies

Analogous

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



24.8302, 36.1526, 44.4264



26.6999, 36.1526, 62.0708



30.6810, 36.1526, 75.5611

Triad

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



26.6999, 36.1526, 62.0708



45.3772, 36.1526, 51.3518



32.6929, 36.1526, 16.1723

Complementary

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



26.6999, 36.1526, 62.0708



24.9778, 13.3940, 1.2702

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.



38.3261, 36.1526, 17.0899



26.6999, 36.1526, 62.0708



46.0657, 36.1526, 34.7017

Square

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



26.6999, 36.1526, 62.0708



41.5747, 36.1526, 68.3011



43.3653, 36.1526, 23.0048



28.0357, 36.1526, 20.0304

Rectangle

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



26.6999, 36.1526, 62.0708



34.1960, 36.1526, 78.7138



43.3653, 36.1526, 23.0048



34.5285, 36.1526, 15.9613

Sweetspot

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



26.7011, 36.1539, 62.0717



69.3523, 82.3988, 106.8571



21.5188, 42.7775, 7.9719



14.2491, 17.2027, 22.8194



0.0000, 0.0000, 0.0000



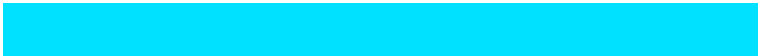
20.3446, 21.4041, 23.3091

Same Dimension

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



26.7011, 36.1539, 62.0717



44.5958, 60.3115, 103.8986



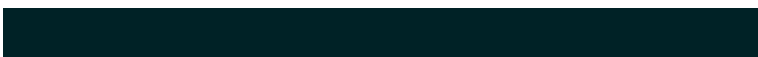
13.4937, 9.7391, 57.6692



11.4208, 12.4820, 14.3777



17.0365, 23.0970, 39.5165



0.9128, 1.2594, 2.0499

Inverse Universe

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



32.6655, 15.9121, 43.4704



54.6391, 26.6196, 72.4886



31.9884, 27.4152, 3.6070



11.6258, 11.3790, 13.8298



20.8102, 10.1346, 27.7826



1.0907, 0.5297, 1.5235

Previews

White Background



This preview shows how the XYZ color 26.6999, 36.1526, 62.0708 looks on a white background.

Color Contrast Check

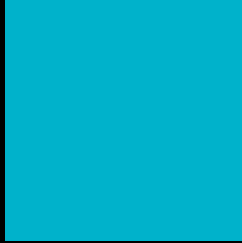
Large Text (above 18pt) WCAG AA × Fail

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 26.6999, 36.1526, 62.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

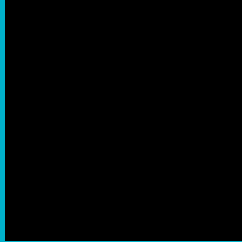
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6999, 36.1526, 62.0708

Background



This preview shows how black text looks on a background with the XYZ color 26.6999, 36.1526, 62.0708.



This preview shows how white text looks on a background with the XYZ color 26.6999, 36.1526,

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

26.6999, 36.1526, 62.0708

Protanopia

35.3826, 35.8279, 53.7658

Deuteranopia

36.4382, 35.6341, 63.9891



Tritanopia

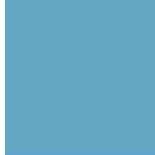
25.7457, 36.0905, 56.0613

Trichromacy



Original Color

26.6999, 36.1526, 62.0708



Protanomaly

28.8146, 34.2302, 56.7182



Deuteranomaly

29.5255, 33.9079, 63.3812



Tritanomaly

26.1981, 36.2714, 58.4436

Monochromacy



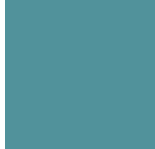
Original Color

26.6999, 36.1526, 62.0708



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.5886, 24.6737, 34.7404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6999, 36.1526, 62.0708 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, 178, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 203)  
}
```

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, 178, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 203) }
```

Border

The CSS property to change the border of an element to XYZ 26.6999, 36.1526, 62.0708 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, 178, 203) }
```


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

```
.border{ border-color:rgb(0, 178, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6999, 36.1526, 62.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 203) }
```

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

```
.background{ background-color: rgb(0, 178,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor