

Converting Colors

XYZ(26.6394, 35.8403, 62.6406)

Have a look what the booklet for
XYZ(26.6394, 35.8403, 62.6406)
contains.

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Color

**XYZ(26.6212, 35.8039,
62.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1CC
RGB	0, 177, 204
RGB Percent	0%, 69%, 80%
CMY	0.9998, 0.3059, 0.2000
CMYK	1.00, 0.13, 0.00, 0.20
HSL	188°, 100%, 40%
HSV	188°, 100%, 80%
XYZ	26.6212, 35.8039, 62.6345
YIQ	127.1550, -114.1590, -29.1270

Conversions

Conversions Part 2

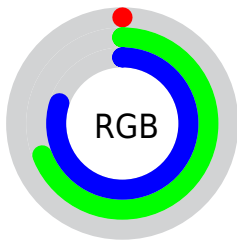
Format	Color
RYB	0, 95, 204
Decimal	45516
CIELab	66.37, -27.90, -24.32
CIELCh	66, 37.012, 221.072
Yxy	35.8039, 0.2129, 0.2863
Android (android.graphics.Color)	4278235596 (0xFF00B1CC)
YUV	127.1550, 37.8846, -111.5149
Hunter-Lab	59.8364, -25.2990, -20.1771

Details

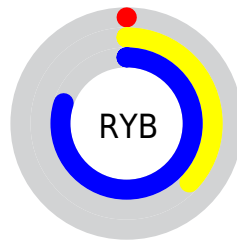
The XYZ color **26.6212, 35.8039, 62.6345** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **25.2953, 13.6235, 1.2977**, and the grayscale version is **20.1330, 21.1815, 23.0666**.

A 20% lighter version of the original color is **52.6684, 68.3226, 105.0194**, and **12.7127, 16.6173, 31.3916** is the 20% darker color. If you saturate the color by 10%, you get **26.6207, 35.8026, 62.6350**, and if you desaturate by 10%, it is **27.4582, 37.0358, 62.8289**.

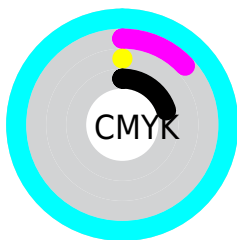
Distribution



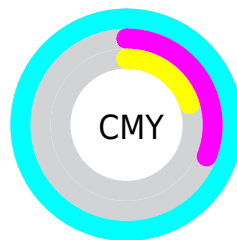
- Red (0%)
- Green (69%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6212, 35.8039, 62.6345 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 26.6212, 35.8039, 62.6345 by changing the saturation by 10% instead.

■ 26.6212, 35.8039,
62.6345

■ 26.6212, 35.8039,
62.6345

278.0194,
328.1026, 452.3132

■ 17.4241, 24.2828,
45.1065

■ 53.6996, 68.7293,
110.2225

■ 10.6345, 15.5435,
31.1978

■ 72.3116, 90.9023,
141.1196

■ 5.8871, 9.2017,
20.4898

■ 94.7925, 117.3948,
177.3101

■ 2.8165, 4.8730,
12.5639

■ 121.5078,
148.5911, 219.2126

■ 1.0575, 2.1729,
7.0018

■ 152.8228,
184.8757, 267.2456

■ 0.0000, 0.7052,
3.3848

189.1028,

■ 0.0000, 0.0000,

226.6329, 321.8277

1.2943

230.7132,
274.2470, 383.3774

■ 0.0000, 0.0000,
0.0571

■ 0.0000, 0.0000,
0.0000

■ 26.6212, 35.8039,
62.6345

■ 26.6212, 35.8039,
62.6345

■ 26.6207, 35.8026,
62.6350

■ 27.4582, 37.0358,
62.8289

■ 28.6181, 38.4492,
63.0405

■ 30.2094, 40.1009,
63.2755

■ 32.2895, 42.0205,
63.5364

■ 34.9067, 44.2330,
63.8255

■ 38.1038, 46.7605,
64.1448

■ 41.9187, 49.6228,
64.4962

■ 46.3866, 52.8379,
64.8813

■ 51.5397, 56.4226,
65.3017

Harmonies

Analogous

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



24.6180, 35.8039, 45.1357



26.6212, 35.8039, 62.6345



30.6937, 35.8039, 75.5079

Triad

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



26.6212, 35.8039, 62.6345



45.1231, 35.8039, 49.7308



32.0273, 35.8039, 16.0701

Complementary

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



26.6212, 35.8039, 62.6345



25.2953, 13.6235, 1.2977

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.



37.6009, 35.8039, 16.6762



26.6212, 35.8039, 62.6345



45.5801, 35.8039, 33.4190

Square

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



26.6212, 35.8039, 62.6345



41.5127, 35.8039, 66.7730



42.7010, 35.8039, 22.1920



27.5062, 35.8039, 20.2250

Rectangle

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



26.6212, 35.8039, 62.6345



34.2300, 35.8039, 78.0894



42.7010, 35.8039, 22.1920



33.8318, 35.8039, 15.7609

Sweetspot

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



26.6224, 35.8052, 62.6354



69.1391, 81.9724, 106.7860



21.7569, 43.2518, 8.0571



14.1974, 17.0994, 22.8022



0.0000, 0.0000, 0.0000



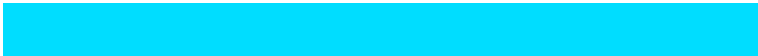
20.3446, 21.4041, 23.3091

Same Dimension

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



26.6224, 35.8052, 62.6354



43.9710, 59.0621, 103.6903



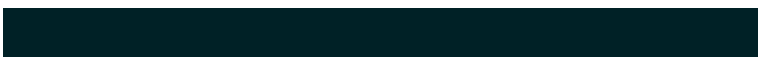
13.6404, 9.8412, 58.3080



11.4117, 12.4638, 14.3747



16.8043, 22.6327, 39.4391



0.9030, 1.2397, 2.0466

Inverse Universe

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



32.8387, 16.0129, 42.9562



54.3237, 26.4935, 70.8280



32.3399, 27.7127, 3.6459



11.6212, 11.3772, 13.8057



20.6930, 10.0878, 27.1655



1.0857, 0.5277, 1.4972

Previews

White Background



This preview shows how the XYZ color 26.6212, 35.8039, 62.6345 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 26.6212, 35.8039, 62.6345 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

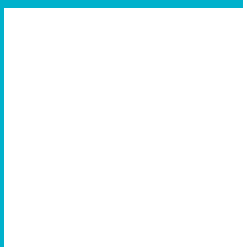
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6212, 35.8039, 62.6345

Background



This preview shows how black text looks on a background with the XYZ color 26.6212, 35.8039, 62.6345.

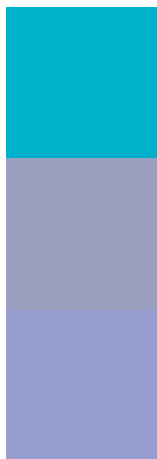


This preview shows how white text looks on a background with the XYZ color 26.6212, 35.8039,

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

26.6212, 35.8039, 62.6345

Protanopia

35.1285, 35.4279, 54.2770

Deuteranopia

36.1897, 35.4918, 64.6177



Tritanopia

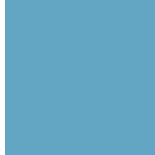
25.5460, 35.6910, 55.9947

Trichromacy



Original Color

26.6212, 35.8039, 62.6345



Protanomaly

28.6370, 33.8546, 57.2498



Deuteranomaly

29.4369, 33.8482, 64.0133



Tritanomaly

25.9984, 35.8720, 58.3771

Monochromacy



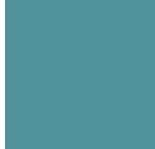
Original Color

26.6212, 35.8039, 62.6345



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.4351, 24.3667, 34.6892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6212, 35.8039, 62.6345 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, 177, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 204)  
}
```

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, 177, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 204) }
```

Border

The CSS property to change the border of an element to XYZ 26.6212, 35.8039, 62.6345 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, 177, 204) }
```


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

```
.border{ border-color:rgb(0, 177, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 177, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6212, 35.8039, 62.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 177, 204) }
```

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

```
.background{ background-color: rgb(0, 177,  
204) }
```

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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