

Converting Colors

XYZ(20.8927, 33.8171, 59.8819)

Have a look what the booklet for
XYZ(20.8927, 33.8171, 59.8819)
contains.

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Color

**XYZ(26.7466, 36.8126,
60.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	00B4C8
RGB	0, 180, 200
RGB Percent	0%, 71%, 78%
CMY	0.9998, 0.2941, 0.2157
CMYK	1.00, 0.10, 0.00, 0.22
HSL	186°, 100%, 39%
HSV	186°, 100%, 78%
XYZ	26.7466, 36.8126, 60.3394
YIQ	128.4600, -113.7000, -31.9400

Conversions

Conversions Part 2

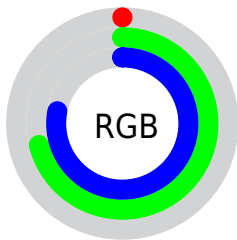
Format	Color
RYB	0, 95, 200
Decimal	46280
CIELab	67.14, -30.69, -20.94
CIELCh	67, 37.155, 214.302
Yxy	36.8126, 0.2159, 0.2971
Android (android.graphics.Color)	4278236360 (0xFF00B4C8)
YUV	128.4600, 35.2692, -112.6594
Hunter-Lab	60.6734, -27.4904, -16.4923

Details

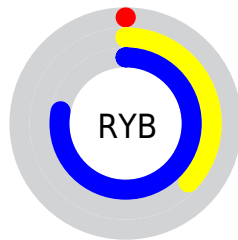
The XYZ color **26.7466, 36.8126, 60.3394** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **24.0710, 12.7816, 1.1998**, and the grayscale version is **20.5925, 21.6649, 23.5931**.

A 20% lighter version of the original color is **53.5249, 70.0357, 105.3049**, and **12.7777, 17.2541, 29.8510** is the 20% darker color. If you saturate the color by 10%, you get **26.7462, 36.8116, 60.3399**, and if you desaturate by 10%, it is **27.4434, 37.7764, 60.4894**.

Distribution



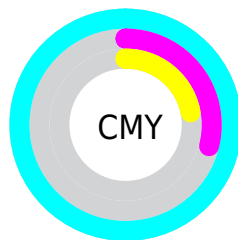
- Red (0%)
- Green (71%)
- Blue (78%)



- Red (0%)
- Yellow (37%)
- Blue (78%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7466, 36.8126, 60.3394 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 26.7466, 36.8126, 60.3394 by changing the saturation by 10% instead.

■ 26.7466, 36.8126,
60.3394

■ 26.7466, 36.8126,
60.3394

278.6181,
332.4985, 443.6870

■ 17.5186, 25.0624,
43.2652

■ 53.8997, 70.2845,
106.8700

■ 10.7025, 16.1236,
29.7603

■ 72.5556, 92.7750,
137.1635

■ 5.9330, 9.6116,
19.4062

■ 95.0848, 119.6143,
172.7005

■ 2.8446, 5.1422,
11.7844

■ 121.8526,
151.1870, 213.8996

■ 1.0721, 2.3310,
6.4763

■ 153.2245,
187.8774, 261.1792

■ 0.0016, 0.7900,
3.0634

189.5659,

■ 0.0000, 0.0000,

230.0698, 314.9580

1.1271

231.2419,
278.1487, 375.6544

■ 0.0000, 0.0000,
0.0000

■ 26.7466, 36.8126,
60.3394

■ 26.7466, 36.8126,
60.3394

■ 26.7462, 36.8116,
60.3399

■ 27.4434, 37.7764,
60.4894

■ 28.4435, 38.9045,
60.6544

■ 29.8515, 40.2516,
60.8403

■ 31.7219, 41.8458,
61.0494

■ 34.1008, 43.7110,
61.2840

■ 37.0287, 45.8680,
61.5461

■ 40.5419, 48.3357,
61.8372

■ 44.6737, 51.1311,
62.1590

■ 49.4548, 54.2702,
62.5129

Harmonies

Analogous

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



25.2198, 36.8126, 42.4664



26.7466, 36.8126, 60.3394



30.4788, 36.8126, 75.2407

Triad

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



26.7466, 36.8126, 60.3394



45.7412, 36.8126, 55.1752



34.1793, 36.8126, 16.3425

Complementary

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



26.7466, 36.8126, 60.3394



24.0710, 12.7816, 1.1998

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.



39.9241, 36.8126, 18.0454



26.7466, 36.8126, 60.3394



47.0030, 36.8126, 37.7899

Square

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



26.7466, 36.8126, 60.3394



41.4881, 36.8126, 71.7387



44.7721, 36.8126, 24.9579



29.2072, 36.8126, 19.4539

Rectangle

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



26.7466, 36.8126, 60.3394



33.9197, 36.8126, 79.7863



44.7721, 36.8126, 24.9579



36.0811, 36.8126, 16.3790

Sweetspot

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



26.7478, 36.8139, 60.3403



69.8925, 83.4792, 107.0371



20.7818, 41.3600, 7.5518



14.3801, 17.4647, 22.8631



0.0000, 0.0000, 0.0000



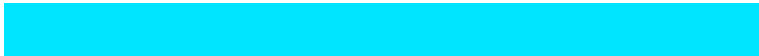
20.3446, 21.4041, 23.3091

Same Dimension

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



26.7478, 36.8139, 60.3403



46.2066, 63.5332, 104.4355



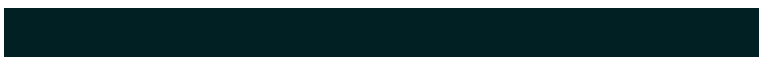
13.2969, 9.9122, 55.8567



10.8526, 11.8792, 13.6384



17.0434, 23.4807, 38.3783



0.8339, 1.1656, 1.8262

Inverse Universe

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



32.0587, 15.5759, 44.4980



55.4521, 26.9449, 76.7701



30.5389, 25.7174, 3.3558



11.0356, 10.7976, 13.1708



20.4021, 9.9104, 28.3908



0.9796, 0.4747, 1.4157

Previews

White Background



This preview shows how the XYZ color 26.7466, 36.8126, 60.3394 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 26.7466, 36.8126, 60.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

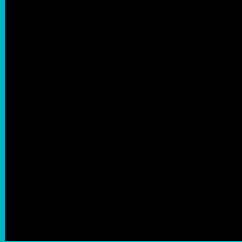
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7466, 36.8126, 60.3394

Background



This preview shows how black text looks on a background with the XYZ color 26.7466, 36.8126, 60.3394.



This preview shows how white text looks on a background with the XYZ color 26.7466, 36.8126,

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

26.7466, 36.8126, 60.3394

Protanopia

35.8151, 36.3467, 52.1417

Deuteranopia

37.1279, 36.2720, 62.8019



Tritanopia

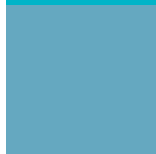
26.3742, 36.9879, 57.3791

Trichromacy



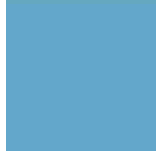
Original Color

26.7466, 36.8126, 60.3394



Protanomaly

28.8839, 34.5777, 55.0210



Deuteranomaly

29.7438, 34.6019, 61.6111



Tritanomaly

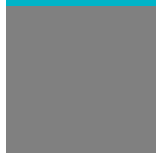
26.6019, 37.0790, 58.5782

Monochromacy



Original Color

26.7466, 36.8126, 60.3394



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.6598, 24.9499, 34.3515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7466, 36.8126, 60.3394 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, 180, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 200)  
}
```

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, 180, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 200) }
```

Border

The CSS property to change the border of an element to XYZ 26.7466, 36.8126, 60.3394 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, 180, 200) }
```


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

```
.border{ border-color:rgb(0, 180, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7466, 36.8126, 60.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 200) }
```

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

```
.background{ background-color: rgb(0, 180,  
200) }
```

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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