

Converting Colors

XYZ(16.3931, 30.6156, 59.4718)

Have a look what the booklet for
XYZ(16.3931, 30.6156, 59.4718)
contains.

XYZ(26.1475, 35.6144, 60.1397)	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(26.1475, 35.6144,
60.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	00B1C8
RGB	0, 177, 200
RGB Percent	0%, 69%, 78%
CMY	0.9998, 0.3059, 0.2157
CMYK	1.00, 0.11, 0.00, 0.22
HSL	187°, 100%, 39%
HSV	187°, 100%, 78%
XYZ	26.1475, 35.6144, 60.1397
YIQ	126.6990, -112.8750, -30.3710

Conversions

Conversions Part 2

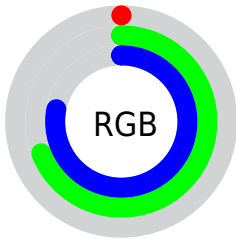
Format	Color
RYB	0, 94, 200
Decimal	45512
CIELab	66.22, -29.23, -22.33
CIElCh	66, 36.781, 217.380
Yxy	35.6144, 0.2145, 0.2922
Android (android.graphics.Color)	4278235592 (0xFF00B1C8)
YUV	126.6990, 36.1374, -111.1150
Hunter-Lab	59.6778, -26.2274, -17.9744

Details

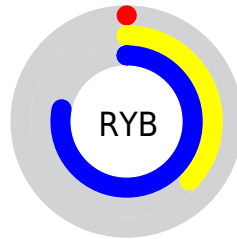
The XYZ color **26.1475, 35.6144, 60.1397** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **24.1273, 12.8943, 1.2186**, and the grayscale version is **19.9829, 21.0236, 22.8947**.

A 20% lighter version of the original color is **52.6684, 68.3226, 105.0194**, and **12.3960, 16.4906, 29.7238** is the 20% darker color. If you saturate the color by 10%, you get **26.1469, 35.6131, 60.1402**, and if you desaturate by 10%, it is **26.8958, 36.6811, 60.3068**.

Distribution



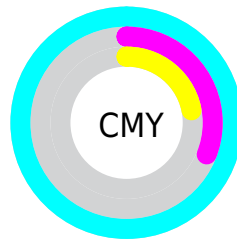
- Red (0%)
- Green (69%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1475, 35.6144, 60.1397 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 26.1475, 35.6144, 60.1397 by changing the saturation by 10% instead.

■ 26.1475, 35.6144,
60.1397

■ 26.1475, 35.6144,
60.1397

275.7488,
327.2720, 442.9314

■ 17.0673, 24.1365,
43.1052

■ 52.9424, 68.4365,
106.5776

■ 10.3781, 15.4349,
29.6357

■ 71.3878, 90.5495,
136.8182

■ 5.7145, 9.1252,
19.3125

■ 93.6856, 116.9763,
172.2978

■ 2.7113, 4.8229,
11.7172

■ 120.2013,
148.1014, 213.4351

■ 1.0030, 2.1437,
6.4312

■ 151.3001,
184.3091, 260.6486

■ 0.0000, 0.6891,
3.0360

187.3473,

■ 0.0000, 0.0000,

225.9839, 314.3568

1.1131

228.7085,
273.5100, 374.9782

■ 0.0000, 0.0000,
0.0000

■ 26.1475, 35.6144,
60.1397

■ 26.1475, 35.6144,
60.1397

■ 26.1469, 35.6131,
60.1402

■ 26.8958, 36.6811,
60.3068

■ 27.9492, 37.9159,
60.4897

■ 29.4124, 39.3733,
60.6939

■ 31.3398, 41.0816,
60.9220

■ 33.7776, 43.0647,
61.1763

■ 36.7663, 45.3434,
61.4586

■ 40.3423, 47.9365,
61.7706

■ 44.5387, 50.8612,
62.1140

■ 49.3864, 54.1334,
62.4901

Harmonies

Analogous

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



24.4375, 35.6144, 42.7856



26.1475, 35.6144, 60.1397



29.9566, 35.6144, 73.8442

Triad

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



26.1475, 35.6144, 60.1397



44.5404, 35.6144, 51.5839



32.5147, 35.6144, 15.8864

Complementary

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



26.1475, 35.6144, 60.1397



24.1273, 12.8943, 1.2186

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.



38.0679, 35.6144, 17.0568



26.1475, 35.6144, 60.1397



45.4147, 35.6144, 35.0289

Square

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



26.1475, 35.6144, 60.1397



40.6602, 35.6144, 68.0466



42.9346, 35.6144, 23.1888



27.8469, 35.6144, 19.3988

Rectangle

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



26.1475, 35.6144, 60.1397



33.3709, 35.6144, 77.4190



42.9346, 35.6144, 23.1888



34.3345, 35.6144, 15.7662

Sweetspot

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



26.1487, 35.6157, 60.1406



69.5419, 82.7780, 106.9203



20.7818, 41.3600, 7.5518



14.2951, 17.2946, 22.8347



0.0000, 0.0000, 0.0000



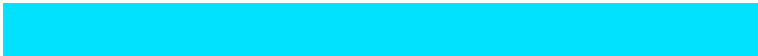
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1487, 35.6157, 60.1406



45.1566, 61.4332, 104.0855



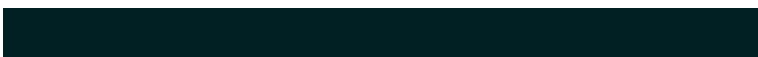
13.2969, 9.9122, 55.8567



10.8385, 11.8512, 13.6337



16.6671, 22.7281, 38.2529



0.8195, 1.1368, 1.8214

Inverse Universe

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



31.7563, 15.4550, 42.9055



54.9222, 26.7329, 73.9792



30.5389, 25.7174, 3.3558



11.0285, 10.7948, 13.1335



20.2121, 9.8344, 27.3905



0.9723, 0.4718, 1.3775

Previews

White Background



This preview shows how the XYZ color 26.1475, 35.6144, 60.1397 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 26.1475, 35.6144, 60.1397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

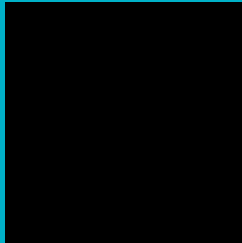
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1475, 35.6144, 60.1397

Background



This preview shows how black text looks on a background with the XYZ color 26.1475, 35.6144, 60.1397.



This preview shows how white text looks on a background with the XYZ color 26.1475, 35.6144,

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

26.1475, 35.6144, 60.1397

Protanopia

34.6942, 35.2542, 51.9899

Deuteranopia

36.0253, 35.1971, 62.6526



Tritanopia

25.4348, 35.6466, 55.4091

Trichromacy



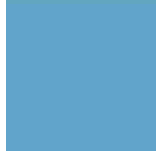
Original Color

26.1475, 35.6144, 60.1397



Protanomaly

28.1876, 33.6749, 54.8834



Deuteranomaly

28.9847, 33.4041, 61.4199



Tritanomaly

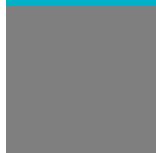
25.7707, 35.7809, 57.1779

Monochromacy



Original Color

26.1475, 35.6144, 60.1397



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.3515, 24.3332, 34.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1475, 35.6144, 60.1397 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 177, 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, 177, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 177, 200) }
```

Border

The CSS property to change the border of an element to XYZ 26.1475, 35.6144, 60.1397 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, 200) }
```


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

```
.border{ border-color:rgb(0, 177, 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, 177, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 177, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 177, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 177,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1475, 35.6144, 60.1397 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, 200) }
```

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

```
.background{ background-color: rgb(0, 177,  
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](#).

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