

Converting Colors

XYZ(26.1391, 32.7647, 60.3305)

Have a look what the booklet for
XYZ(26.1391, 32.7647, 60.3305)
contains.

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Color

**XYZ(26.1063, 32.7540,
60.2046)**

Conversions

Conversions Part 1

Format	Color
Hex	3AA7C9
RGB	58, 167, 201
RGB Percent	23%, 65%, 79%
CMY	0.7725, 0.3451, 0.2118
CMYK	0.71, 0.17, 0.00, 0.21
HSL	194°, 57%, 51%
HSV	194°, 71%, 79%
XYZ	26.1063, 32.7540, 60.2046
YIQ	138.2850, -75.8780, -12.5340

Conversions

Conversions Part 2

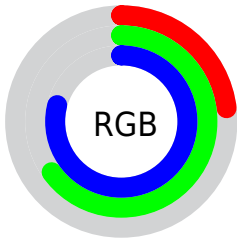
Format	Color
RYB	58, 120, 201
Decimal	3844041
CIELab	63.96, -19.64, -26.29
CIELCh	64, 32.819, 233.234
Yxy	32.7540, 0.2193, 0.2751
Android (android.graphics.Color)	4282034121 (0xFF3AA7C9)
YUV	138.2850, 30.9185, -70.4099
Hunter-Lab	57.2311, -18.7306, -22.3087

Details

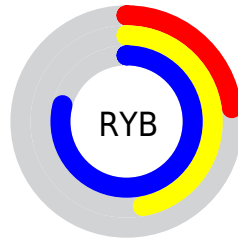
The XYZ color **26.1063, 32.7540, 60.2046** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **28.6796, 20.3792, 6.4264**, and the grayscale version is **24.1741, 25.4331, 27.6966**.

A 20% lighter version of the original color is **52.3397, 63.6735, 104.1394**, and **11.3972, 14.3681, 29.7764** is the 20% darker color. If you saturate the color by 10%, you get **24.2984, 30.5467, 59.8745**, and if you desaturate by 10%, it is **28.4046, 35.2634, 60.5685**.

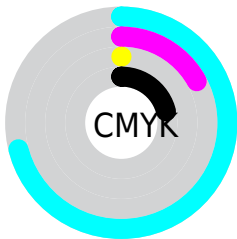
Distribution



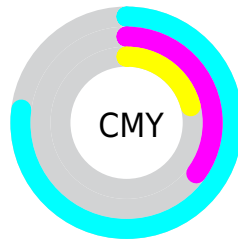
- Red (23%)
- Green (65%)
- Blue (79%)



- Red (23%)
- Yellow (47%)
- Blue (79%)



- Cyan (71%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (77%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1063, 32.7540, 60.2046 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 26.1063, 32.7540, 60.2046 by changing the saturation by 10% instead.

■ 26.1063, 32.7540,
60.2046

■ 26.1063, 32.7540,
60.2046

275.5506,
314.5398, 443.1771

■ 17.0363, 21.9381,
43.1572

■ 52.8765, 63.9913,
106.6727

■ 10.3558, 13.8114,
29.6762

■ 71.3073, 85.1814,
136.9304

■ 5.6996, 7.9896,
19.3429

■ 93.5892, 110.5984,
172.4287

■ 2.7022, 4.0883,
11.7390

■ 120.0873,
140.6266, 213.5861

■ 0.9983, 1.7231,
6.4459

■ 151.1672,
175.6504, 260.8211

■ 0.0000, 0.4385,
3.0449

187.1942,

■ 0.0000, 0.0000,

216.0543, 314.5522

1.1176

228.5335,
262.2226, 375.1980

■ 0.0000, 0.0000,
0.0000

■ 26.1063, 32.7540,
60.2046

■ 26.1063, 32.7540,
60.2046

■ 24.2984, 30.5467,
59.8745

■ 28.4046, 35.2634,
60.5685

■ 22.9209, 28.6082,
59.5729

■ 31.2380, 38.0965,
60.9660

■ 21.9682, 27.0680,
59.3258

■ 34.6493, 41.2766,
61.4000

■ 38.6761, 44.8235,
61.8724

■ 43.3526, 48.7554,
62.3848

■ 48.7106, 53.0890,
62.9389

■ 54.7796, 57.8401,
63.5361

■ 61.5872, 63.0235,
64.1778

■ 69.1598, 68.6530,
64.8653

Harmonies

Analogous

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



23.6539, 32.7540, 46.6837



26.1063, 32.7540, 60.2046



30.0956, 32.7540, 67.4053

Triad

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



26.1063, 32.7540, 60.2046



40.8242, 32.7540, 38.7493



27.7537, 32.7540, 17.0060

Complementary

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



26.1063, 32.7540, 60.2046



28.6796, 20.3792, 6.4264

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.



32.1913, 32.7540, 15.8794



26.1063, 32.7540, 60.2046



40.0395, 32.7540, 26.5304

Square

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



26.1063, 32.7540, 60.2046



38.8130, 32.7540, 53.1836



36.7639, 32.7540, 18.9041



24.5372, 32.7540, 22.4878

Rectangle

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



26.1063, 32.7540, 60.2046



33.2122, 32.7540, 66.6454



36.7639, 32.7540, 18.9041



29.1399, 32.7540, 16.1721

Sweetspot

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



26.1074, 32.7552, 60.2054



74.0903, 83.3635, 106.7935



24.5370, 43.4355, 17.0732



15.3549, 17.4258, 22.8042



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.



26.1074, 32.7552, 60.2054



40.3241, 50.5679, 102.2430



16.4841, 13.5085, 56.9976



10.7248, 11.6236, 13.5958



13.8862, 17.1662, 37.3259



0.7107, 0.9192, 1.7851

Inverse Universe

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



32.5765, 18.2349, 38.3630



52.7759, 26.9962, 59.2190



37.9258, 38.8716, 9.5084



10.9711, 10.7718, 12.8311



18.8084, 9.2729, 19.9988



0.9174, 0.4498, 1.0883

Previews

White Background



This preview shows how the XYZ color 26.1063, 32.7540, 60.2046 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 26.1063, 32.7540, 60.2046 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 26.1063, 32.7540, 60.2046

Background



This preview shows how black text looks on a background with the XYZ color 26.1063, 32.7540, 60.2046.



This preview shows how white text looks on a background with the XYZ color 26.1063, 32.7540,

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

26.1063, 32.7540, 60.2046

Protanopia

32.3093, 32.2378, 53.8099

Deuteranopia

33.1118, 32.4788, 61.6506



Tritanopia

24.1532, 32.7910, 50.4037

Trichromacy



Original Color

26.1063, 32.7540, 60.2046

Protanomaly

28.7173, 31.5648, 56.2088

Deuteranomaly

29.3920, 31.8052, 61.0898

Tritanomaly

24.7976, 32.7717, 53.7338

Monochromacy



Original Color

26.1063, 32.7540, 60.2046

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.4871, 27.3193, 37.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1063, 32.7540, 60.2046 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(58, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(58, 167, 201)  
}
```

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(58, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 167, 201) }
```

Border

The CSS property to change the border of an element to XYZ 26.1063, 32.7540, 60.2046 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(58, 167, 201) }
```


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

```
.border{ border-color:rgb(58, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(58, 167,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1063, 32.7540, 60.2046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 167, 201) }
```

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

```
.background{ background-color: rgb(58, 167,  
201) }
```

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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