

Converting Colors

XYZ(24.4077, 32.1921, 58.8993)

Have a look what the booklet for
XYZ(24.4077, 32.1921, 58.8993)
contains.

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Color

**XYZ(24.4116, 32.1804,
58.9576)**

Conversions

Conversions Part 1

Format	Color
Hex	08A8C7
RGB	8, 168, 199
RGB Percent	3%, 66%, 78%
CMY	0.9684, 0.3412, 0.2196
CMYK	0.96, 0.16, 0.00, 0.22
HSL	190°, 92%, 41%
HSV	190°, 96%, 78%
XYZ	24.4116, 32.1804, 58.9576
YIQ	123.6940, -105.3110, -24.2790

Conversions

Conversions Part 2

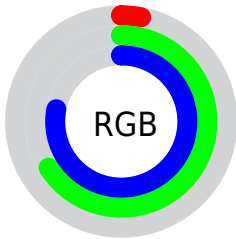
Format	Color
RYB	8, 95, 199
Decimal	567495
CIELab	63.49, -24.81, -25.96
CIElCh	63, 35.909, 226.295
Yxy	32.1804, 0.2113, 0.2785
Android (android.graphics.Color)	4278757575 (0xFF08A8C7)
YUV	123.6940, 37.1259, -101.4636
Hunter-Lab	56.7278, -22.4599, -21.9111

Details

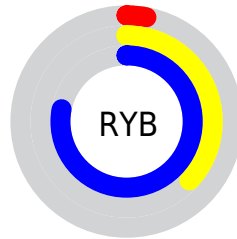
The XYZ color **24.4116, 32.1804, 58.9576** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.3246, 13.6140, 1.5768**, and the grayscale version is **18.9671, 19.9549, 21.7309**.

A 20% lighter version of the original color is **49.9172, 62.8201, 104.1023**, and **11.3562, 14.5351, 28.9951** is the 20% darker color. If you saturate the color by 10%, you get **24.0720, 31.6496, 58.8737**, and if you desaturate by 10%, it is **25.3933, 33.5835, 59.1773**.

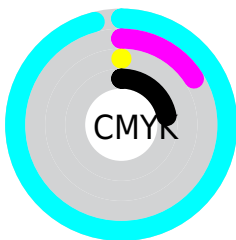
Distribution



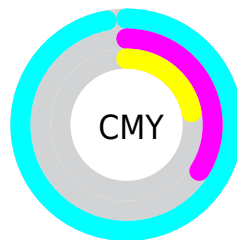
- Red (3%)
- Green (66%)
- Blue (78%)



- Red (3%)
- Yellow (37%)
- Blue (78%)



- Cyan (96%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (97%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4116, 32.1804, 58.9576 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 24.4116, 32.1804, 58.9576 by changing the saturation by 10% instead.

■ 24.4116, 32.1804,
58.9576

■ 24.4116, 32.1804,
58.9576

267.2969,
311.9402, 438.4423

■ 15.7656, 21.4993,
42.1592

■ 50.1508, 63.0938,
104.8446

■ 9.4482, 13.4895,
28.8995

■ 67.9748, 84.0949,
134.7702

■ 5.0941, 7.7665,
18.7599

■ 89.5888, 109.3048,
169.9087

■ 2.3379, 3.9459,
11.3218

■ 115.3582,
139.1079, 210.6785

■ 0.8140, 1.6433,
6.1669

■ 145.6484,
173.8886, 257.4982

■ 0.0000, 0.3866,
2.8764

180.8246,

■ 0.0000, 0.0000,

214.0313, 310.7864

1.0319

221.2523,
259.9204, 370.9616

■ 0.0000, 0.0000,
0.0000

■ 24.4116, 32.1804,
58.9576

■ 24.4116, 32.1804,
58.9576

■ 24.0720, 31.6496,
58.8737

■ 25.3933, 33.5835,
59.1773

■ 26.7464, 35.1996,
59.4179

■ 28.5348, 37.0625,
59.6833

■ 30.8086, 39.1981,
59.9756

■ 33.6111, 41.6287,
60.2971

■ 36.9804, 44.3744,
60.6495

■ 40.9512, 47.4531,
61.0344

■ 45.5554, 50.8813,
61.4535

■ 50.8224, 54.6745,
61.9080

Harmonies

Analogous

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



22.2537, 32.1804, 43.3486



24.4116, 32.1804, 58.9576



28.3643, 32.1804, 69.1844

Triad

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



24.4116, 32.1804, 58.9576



40.9127, 32.1804, 41.9773



27.9668, 32.1804, 14.6949

Complementary

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



24.4116, 32.1804, 58.9576



24.3246, 13.6140, 1.5768

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.



32.9219, 32.1804, 14.5151



24.4116, 32.1804, 58.9576



40.7763, 32.1804, 27.8655

Square

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



24.4116, 32.1804, 58.9576



38.0783, 32.1804, 57.7208



37.7237, 32.1804, 18.6623



24.1480, 32.1804, 19.2468

Rectangle

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



24.4116, 32.1804, 58.9576



31.6531, 32.1804, 70.1616



37.7237, 32.1804, 18.6623



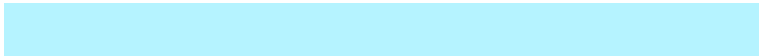
29.5441, 32.1804, 14.1743

Sweetspot

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



24.4127, 32.1815, 58.9584



69.1669, 81.1481, 106.6254



20.8535, 41.0309, 8.5455



14.1670, 16.8732, 22.7601



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.



24.4127, 32.1815, 58.9584



41.9965, 55.1129, 103.0322



12.9177, 9.1915, 55.1267



10.7945, 11.7630, 13.6191



15.5328, 20.4595, 37.8748



0.7757, 1.0493, 1.8068

Inverse Universe

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



30.7089, 15.1442, 38.3514



53.3271, 26.0948, 65.5797



31.8715, 28.7078, 4.0924



11.0063, 10.7859, 13.0164



19.6396, 9.6054, 24.3756



0.9503, 0.4629, 1.2612

Previews

White Background



This preview shows how the XYZ color 24.4116, 32.1804, 58.9576 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 24.4116, 32.1804, 58.9576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

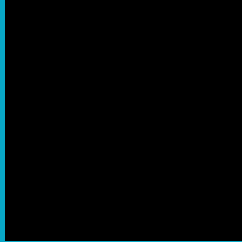
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.4116, 32.1804, 58.9576

Background



This preview shows how black text looks on a background with the XYZ color 24.4116, 32.1804, 58.9576.

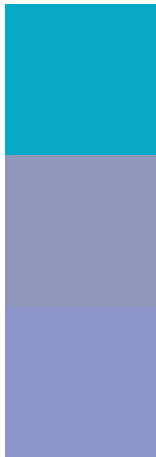


This preview shows how white text looks on a background with the XYZ color 24.4116, 32.1804,

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

24.4116, 32.1804, 58.9576

Protanopia

31.7133, 31.7408, 51.4688

Deuteranopia

32.5011, 31.6999, 60.9056

Trichromacy



Original Color

24.4116, 32.1804, 58.9576

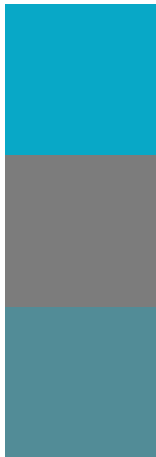
Protanomaly

26.1803, 30.3084, 53.7605

Deuteranomaly

27.1313, 30.6535, 60.3639

Monochromacy



Original Color

24.4116, 32.1804, 58.9576

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4437, 22.7844, 32.7039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4116, 32.1804, 58.9576 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(8, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(8, 168, 199)  
}
```

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(8, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 168, 199) }
```

Border

The CSS property to change the border of an element to XYZ 24.4116, 32.1804, 58.9576 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(8, 168, 199) }
```

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

```
.border{ border-color:rgb(8, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(8, 168,  
199) }
```


Background

The CSS property to change the background color of an element to XYZ 24.4116, 32.1804, 58.9576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 168, 199) }
```

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

```
.background{ background-color: rgb(8, 168,  
199) }
```

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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