

Converting Colors

XYZ(24.3208, 32.1470, 58.3492)

Have a look what the booklet for
XYZ(24.3208, 32.1470, 58.3492)
contains.

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Color

**XYZ(24.3208, 32.1470,
58.3492)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 0AA8C6 |
| RGB | 10, 168, 198 |
| RGB Percent | 4%, 66%, 78% |
| CMY | 0.9606, 0.3412, 0.2235 |
| CMYK | 0.95, 0.15, 0.00, 0.22 |
| HSL | 190°, 90%, 41% |
| HSV | 190°, 95%, 78% |
| XYZ | 24.3208, 32.1470, 58.3492 |
| YIQ | 124.1780, -103.7980, -24.1660 |

Conversions

Conversions Part 2

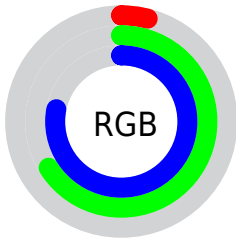
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 10, 96, 198 |
| Decimal | 698566 |
| CIELab | 63.46, -25.09, -25.44 |
| CIELCh | 63, 35.731, 225.405 |
| Yxy | 32.1470, 0.2118, 0.2800 |
| Android (android.graphics.Color) | 4278888646 (0xFF0AA8C6) |
| YUV | 124.1780, 36.3942, -100.1341 |
| Hunter-Lab | 56.6983, -22.6543, -21.3275 |

Details

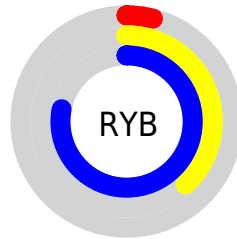
The XYZ color **24.3208, 32.1470, 58.3492** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.1040, 13.5480, 1.6329**, and the grayscale version is **19.1290, 20.1252, 21.9163**.

A 20% lighter version of the original color is **49.9172, 62.8201, 104.1023**, and **11.2794, 14.5044, 28.5907** is the 20% darker color. If you saturate the color by 10%, you get **23.9022, 31.4954, 58.2461**, and if you desaturate by 10%, it is **25.3175, 33.5381, 58.5658**.

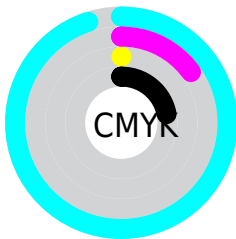
Distribution



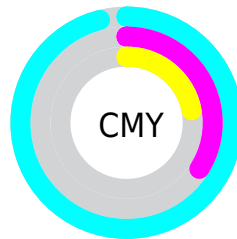
- Red (4%)
- Green (66%)
- Blue (78%)



- Red (4%)
- Yellow (38%)
- Blue (78%)



- Cyan (95%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (96%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3208, 32.1470, 58.3492 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 24.3208, 32.1470, 58.3492 by changing the saturation by 10% instead.

■ 24.3208, 32.1470,
58.3492

■ 24.3208, 32.1470,
58.3492

266.8488,
311.7883, 436.1204

■ 15.6978, 21.4738,
41.6729

■ 50.0041, 63.0415,
103.9510

■ 9.4000, 13.4708,
28.5216

■ 67.7950, 84.0315,
133.7136

■ 5.0622, 7.7535,
18.4768

■ 89.3727, 109.2293,
168.6753

■ 2.3189, 3.9376,
11.1198

■ 115.1024,
139.0193, 209.2547

■ 0.8043, 1.6387,
6.0323

■ 145.3495,
173.7858, 255.8704

■ 0.0000, 0.3835,
2.7956

180.4794,

■ 0.0000, 0.0000,

213.9132, 308.9409

0.9913

220.8574,
259.7859, 368.8847

■ 0.0000, 0.0000,
0.0000

■ 24.3208, 32.1470,
58.3492

■ 24.3208, 32.1470,
58.3492

■ 23.9022, 31.4954,
58.2461

■ 25.3175, 33.5381,
58.5658

■ 26.6892, 35.1431,
58.8033

■ 28.4963, 36.9938,
59.0653

■ 30.7873, 39.1156,
59.3541

■ 33.6042, 41.5300,
59.6717

■ 36.9845, 44.2567,
60.0198

■ 40.9620, 47.3131,
60.4001

■ 45.5680, 50.7156,
60.8141

■ 50.8313, 54.4791,
61.2631

Harmonies

Analogous

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



22.2320, 32.1470, 42.7928



24.3208, 32.1470, 58.3492



28.2079, 32.1470, 68.7559

Triad

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



24.3208, 32.1470, 58.3492



40.7741, 32.1470, 42.3671



28.0844, 32.1470, 14.6825

Complementary

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



24.3208, 32.1470, 58.3492



24.1040, 13.5480, 1.6329

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.



33.0283, 32.1470, 14.6265



24.3208, 32.1470, 58.3492



40.7318, 32.1470, 28.2204

Square

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



24.3208, 32.1470, 58.3492



37.8822, 32.1470, 57.9656



37.7722, 32.1470, 18.8990



24.2389, 32.1470, 19.0809

Rectangle

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



24.3208, 32.1470, 58.3492



31.4643, 32.1470, 69.9581



37.7722, 32.1470, 18.8990



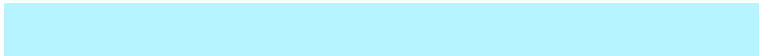
29.6629, 32.1470, 14.2047

Sweetspot

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



24.3219, 32.1481, 58.3500



69.9533, 81.8247, 106.7146



20.6736, 40.5949, 8.5995



14.3196, 17.0103, 22.7785



0.0000, 0.0000, 0.0000



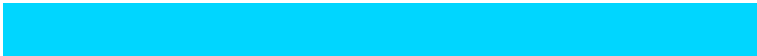
20.3446, 21.4041, 23.3091

Same Dimension

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



24.3219, 32.1481, 58.3500



42.1731, 55.4662, 103.0910



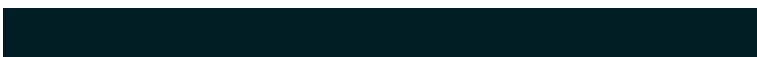
12.8913, 9.2869, 54.5398



10.7970, 11.7681, 13.6199



15.5963, 20.5865, 37.8959



0.7782, 1.0542, 1.8076

Inverse Universe

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



30.4660, 15.0511, 38.3463



53.4162, 26.1305, 66.0491



31.6243, 28.5886, 4.1396



11.0076, 10.7864, 13.0232



19.6716, 9.6182, 24.5443



0.9515, 0.4634, 1.2678

Previews

White Background



This preview shows how the XYZ color 24.3208, 32.1470, 58.3492 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 24.3208, 32.1470, 58.3492 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 24.3208, 32.1470, 58.3492

Background



This preview shows how black text looks on a background with the XYZ color 24.3208, 32.1470, 58.3492.

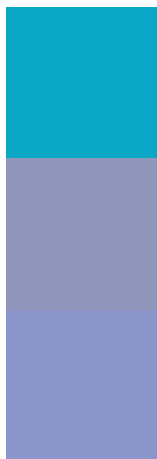


This preview shows how white text looks on a background with the XYZ color 24.3208, 32.1470,

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

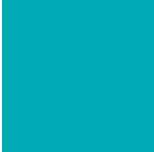
24.3208, 32.1470, 58.3492

Protanopia

31.6066, 31.6981, 50.9069

Deuteranopia

32.3822, 31.6524, 60.2799



Tritanopia

22.9220, 32.1683, 49.8007

Trichromacy



Original Color

24.3208, 32.1470, 58.3492

Protanomaly

26.1751, 30.3184, 53.1877

Deuteranomaly

27.1138, 30.6581, 59.7469

Tritanomaly

23.3151, 32.0326, 52.5310

Monochromacy



Original Color

24.3208, 32.1470, 58.3492

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.5313, 22.8295, 32.7080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3208, 32.1470, 58.3492 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(10, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(10, 168, 198)  
}
```

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(10, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 168, 198) }
```

Border

The CSS property to change the border of an element to XYZ 24.3208, 32.1470, 58.3492 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(10, 168, 198) }
```


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

```
.border{ border-color:rgb(10, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(10, 168,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3208, 32.1470, 58.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 168, 198) }
```

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

```
.background{ background-color: rgb(10, 168,  
198) }
```

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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