

Converting Colors

XYZ(26.3838, 32.0000, 58.6021)

Have a look what the booklet for
XYZ(26.3838, 32.0000, 58.6021)
contains.

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Color

**XYZ(26.4859, 32.1703,
58.8464)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA4C7
RGB	75, 164, 199
RGB Percent	29%, 64%, 78%
CMY	0.7059, 0.3569, 0.2196
CMYK	0.62, 0.18, 0.00, 0.22
HSL	197°, 53%, 54%
HSV	197°, 62%, 78%
XYZ	26.4859, 32.1703, 58.8464
YIQ	141.3790, -64.2790, -7.9830

Conversions

Conversions Part 2

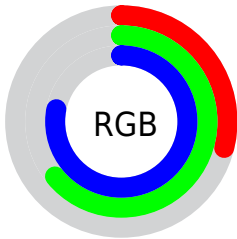
Format	Color
RYB	75, 127, 199
Decimal	4957383
CIELab	63.48, -16.02, -25.87
CIElCh	63, 30.427, 238.238
Yxy	32.1703, 0.2254, 0.2738
Android (android.graphics.Color)	4283147463 (0xFF4BA4C7)
YUV	141.3790, 28.4072, -58.2144
Hunter-Lab	56.7189, -15.9042, -21.8108

Details

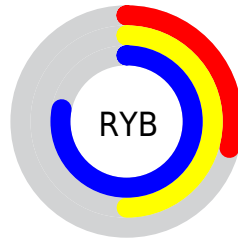
The XYZ color **26.4859, 32.1703, 58.8464** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **30.4002, 23.8033, 9.6500**, and the grayscale version is **25.3773, 26.6989, 29.0751**.

A 20% lighter version of the original color is **53.3732, 63.0339, 103.9614**, and **10.9050, 13.6327, 28.8447** is the 20% darker color. If you saturate the color by 10%, you get **24.1830, 29.5242, 58.4576**, and if you desaturate by 10%, it is **29.3220, 35.1584, 59.2743**.

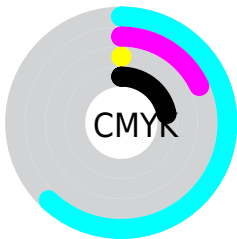
Distribution



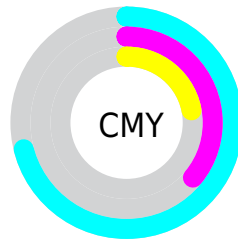
- Red (29%)
- Green (64%)
- Blue (78%)



- Red (29%)
- Yellow (50%)
- Blue (78%)



- Cyan (62%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4859, 32.1703, 58.8464 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 26.4859, 32.1703, 58.8464 by changing the saturation by 10% instead.

■ 26.4859, 32.1703,
58.8464

■ 26.4859, 32.1703,
58.8464

277.3724,
311.8943, 438.0185

■ 17.3221, 21.4916,
42.0703

■ 53.4835, 63.0780,
104.6813

■ 10.5611, 13.4838,
28.8303

■ 72.0480, 84.0757,
134.5772

■ 5.8377, 7.7625,
18.7080

■ 94.4768, 109.2820,
169.6834

■ 2.7863, 3.9434,
11.2848

■ 121.1353,
139.0811, 210.4185

■ 1.0418, 1.6419,
6.1422

152.3887,
173.8575, 257.2010

■ 0.0000, 0.3856,
2.8615

188.6024,

■ 0.0000, 0.0000,

213.9956, 310.4495

1.0244

230.1419,
259.8797, 370.5825

■ 0.0000, 0.0000,
0.0000

■ 26.4859, 32.1703,
58.8464

■ 26.4859, 32.1703,
58.8464

■ 24.1830, 29.5242,
58.4576

■ 29.3220, 35.1584,
59.2743

■ 22.3624, 27.1913,
58.1033

■ 32.7298, 38.5074,
59.7411

■ 20.9682, 25.1423,
57.7813

■ 36.7475, 42.2383,
60.2495

■ 20.1061, 23.7179,
57.5518

■ 41.4093, 46.3696,
60.8012

■ 46.7465, 50.9182,
61.3979

■ 52.7882, 55.9000,
62.0410

■ 59.5621, 61.3298,
62.7320

■ 67.0940, 67.2217,
63.4723

■ 75.4086, 73.5893,
64.2632

Harmonies

Analogous

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



23.9466, 32.1703, 47.2675



26.4859, 32.1703, 58.8464



30.3271, 32.1703, 63.9071

Triad

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



26.4859, 32.1703, 58.8464



39.4641, 32.1703, 35.7501



26.8820, 32.1703, 18.2315

Complementary

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



26.4859, 32.1703, 58.8464



30.4002, 23.8033, 9.6500

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.



30.8280, 32.1703, 16.4998



26.4859, 32.1703, 58.8464



38.3303, 32.1703, 25.1078

Square

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



26.4859, 32.1703, 58.8464



38.0399, 32.1703, 48.8008



35.0689, 32.1703, 18.6995



24.1600, 32.1703, 24.1259

Rectangle

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



26.4859, 32.1703, 58.8464



33.1981, 32.1703, 62.1891



35.0689, 32.1703, 18.6995



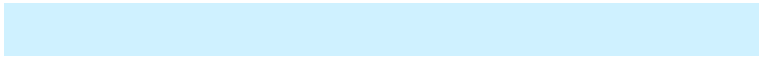
28.0974, 32.1703, 17.2128

Sweetspot

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



26.4870, 32.1715, 58.8472



75.2080, 83.5236, 106.7655



26.0364, 43.4277, 21.2175



15.5427, 17.3985, 22.7890



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.



26.4870, 32.1715, 58.8472



41.0390, 50.0833, 102.1118



18.1552, 15.5079, 56.0699



10.6839, 11.5420, 13.5822



13.0059, 15.4057, 37.0325



0.6750, 0.8478, 1.7732

Inverse Universe

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



32.7710, 19.8557, 37.2284



53.6041, 29.1165, 58.0642



39.2113, 41.4257, 12.5870



10.9505, 10.7636, 12.7226



18.3641, 9.0952, 17.6590



0.8994, 0.4426, 0.9934

Previews

White Background



This preview shows how the XYZ color 26.4859, 32.1703, 58.8464 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 26.4859, 32.1703, 58.8464 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

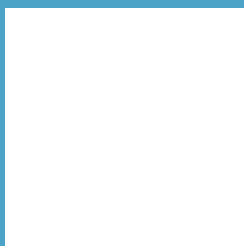
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4859, 32.1703, 58.8464

Background



This preview shows how black text looks on a background with the XYZ color 26.4859, 32.1703, 58.8464.

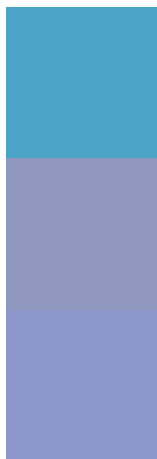


This preview shows how white text looks on a background with the XYZ color 26.4859, 32.1703,

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

26.4859, 32.1703, 58.8464

Protanopia

31.8625, 31.7802, 53.1701

Deuteranopia

32.5515, 31.7397, 60.2878



Tritanopia

24.4060, 32.1319, 48.6318

Trichromacy



Original Color

26.4859, 32.1703, 58.8464

Protanomaly

29.1219, 31.5491, 55.0068

Deuteranomaly

29.6001, 31.4416, 59.7671

Tritanomaly

25.1676, 32.1685, 52.4596

Monochromacy



Original Color

26.4859, 32.1703, 58.8464

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6052, 27.8854, 38.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4859, 32.1703, 58.8464 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(75, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(75, 164, 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(75, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 164, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.4859, 32.1703, 58.8464 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(75, 164, 199) }
```


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

```
.border{ border-color:rgb(75, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(75, 164,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4859, 32.1703, 58.8464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 164, 199) }
```

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

```
.background{ background-color: rgb(75, 164,  
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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