

Converting Colors

XYZ(25.9257, 32.9778, 58.7852)

Have a look what the booklet for
XYZ(25.9257, 32.9778, 58.7852)
contains.

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Color

**XYZ(25.9423, 32.9695,
59.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	38A8C7
RGB	56, 168, 199
RGB Percent	22%, 66%, 78%
CMY	0.7804, 0.3412, 0.2196
CMYK	0.72, 0.16, 0.00, 0.22
HSL	193°, 56%, 50%
HSV	193°, 72%, 78%
XYZ	25.9423, 32.9695, 59.0293
YIQ	138.0460, -76.7030, -14.1030

Conversions

Conversions Part 2

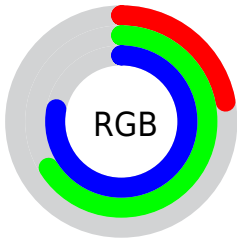
Format	Color
RYB	56, 119, 199
Decimal	3713223
CIELab	64.14, -21.08, -24.91
CIELCh	64, 32.635, 229.765
Yxy	32.9695, 0.2200, 0.2795
Android (android.graphics.Color)	4281903303 (0xFF38A8C7)
YUV	138.0460, 30.0503, -71.9543
Hunter-Lab	57.4191, -19.8360, -20.7593

Details

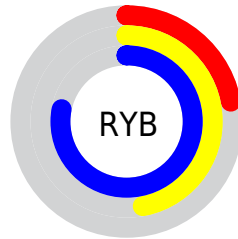
The XYZ color **25.9423, 32.9695, 59.0293** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **27.6764, 19.2456, 5.9986**, and the grayscale version is **24.0864, 25.3407, 27.5961**.

A 20% lighter version of the original color is **52.3228, 64.0603, 104.2149**, and **11.3562, 14.5351, 28.9951** is the 20% darker color. If you saturate the color by 10%, you get **24.2600, 30.9400, 58.7269**, and if you desaturate by 10%, it is **28.0950, 35.2820, 59.3628**.

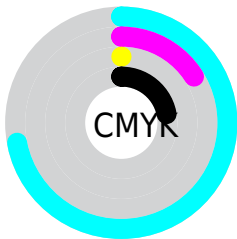
Distribution



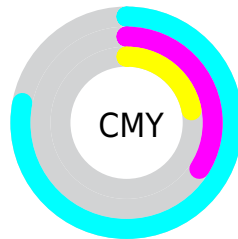
- Red (22%)
- Green (66%)
- Blue (78%)



- Red (22%)
- Yellow (47%)
- Blue (78%)



- Cyan (72%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9423, 32.9695, 59.0293 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 25.9423, 32.9695, 59.0293 by changing the saturation by 10% instead.

■ 25.9423, 32.9695,
59.0293

■ 25.9423, 32.9695,
59.0293

274.7606,
315.5123, 438.7154

■ 16.9129, 22.1031,
42.2165

■ 52.6138, 64.3279,
104.9498

■ 10.2674, 13.9327,
28.9440

■ 70.9867, 85.5887,
134.8946

■ 5.6402, 8.0738,
18.7933

■ 93.2047, 111.0830,
170.0538

■ 2.6661, 4.1422,
11.3457

■ 119.6334,
141.1954, 210.8460

■ 0.9798, 1.7534,
6.1828

■ 150.6379,
176.3101, 257.6898

■ 0.0000, 0.4579,
2.8860

186.5837,

■ 0.0000, 0.0000,

216.8115, 311.0035

1.0367

227.8362,
263.0841, 371.2059

■ 0.0000, 0.0000,
0.0000

■ 25.9423, 32.9695,
59.0293

■ 25.9423, 32.9695,
59.0293

■ 24.2600, 30.9400,
58.7269

■ 28.0950, 35.2820,
59.3628

■ 22.9888, 29.1607,
58.4504

■ 30.7620, 37.8985,
59.7273

■ 22.1739, 27.8536,
58.2411

■ 33.9855, 40.8419,
60.1255

■ 37.8021, 44.1314,
60.5593

■ 42.2456, 47.7848,
61.0303

■ 47.3469, 51.8183,
61.5400

■ 53.1349, 56.2471,
62.0898

■ 59.6366, 61.0857,
62.6810

■ 66.8778, 66.3474,
63.3150

Harmonies

Analogous

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



23.6988, 32.9695, 45.2055



25.9423, 32.9695, 59.0293



29.7846, 32.9695, 67.2007

Triad

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



25.9423, 32.9695, 59.0293



40.9152, 32.9695, 40.6107



28.4279, 32.9695, 16.8861

Complementary

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



25.9423, 32.9695, 59.0293



27.6764, 19.2456, 5.9986

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.



32.9415, 32.9695, 16.2332



25.9423, 32.9695, 59.0293



40.4607, 32.9695, 27.9650

Square

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



25.9423, 32.9695, 59.0293



38.6179, 32.9695, 54.9636



37.4310, 32.9695, 19.7702



25.0332, 32.9695, 21.8466

Rectangle

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



25.9423, 32.9695, 59.0293



32.8672, 32.9695, 67.2558



37.4310, 32.9695, 19.7702



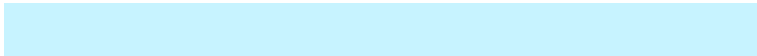
29.8541, 32.9695, 16.2118

Sweetspot

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



25.9434, 32.9707, 59.0301



73.5789, 83.3528, 106.8184



23.7750, 42.3763, 15.9413



15.2697, 17.4521, 22.8137



0.0000, 0.0000, 0.0000



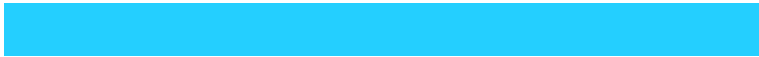
20.3446, 21.4041, 23.3091

Same Dimension

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



25.9434, 32.9707, 59.0301



41.1912, 52.4378, 102.5583



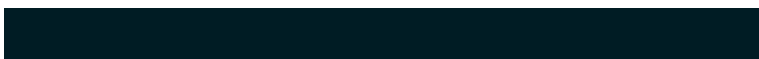
16.1712, 13.4262, 55.7727



10.7441, 11.6622, 13.6023



14.3245, 18.0430, 37.4720



0.7282, 0.9542, 1.7909

Inverse Universe

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



32.0362, 17.7988, 38.7939



53.1805, 27.0311, 61.7404



36.5776, 37.0480, 8.9657



10.9809, 10.7757, 12.8824



19.0297, 9.3614, 21.1641



0.9263, 0.4533, 1.1348

Previews

White Background



This preview shows how the XYZ color 25.9423, 32.9695, 59.0293 looks on a white background.

Color Contrast Check

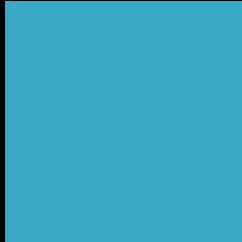
Large Text (above 18pt) WCAG AA × Fail

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 25.9423, 32.9695, 59.0293 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

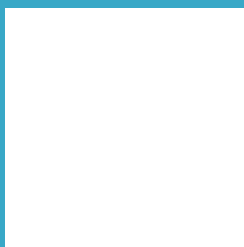
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9423, 32.9695, 59.0293

Background



This preview shows how black text looks on a background with the XYZ color 25.9423, 32.9695, 59.0293.

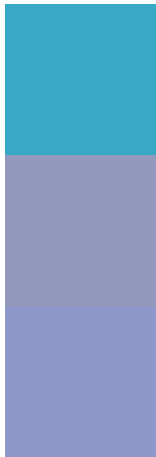


This preview shows how white text looks on a background with the XYZ color 25.9423, 32.9695,

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

25.9423, 32.9695, 59.0293

Protanopia

32.3224, 32.5243, 52.1512

Deuteranopia

33.3354, 32.6079, 61.0369



Tritanopia

24.1086, 32.7680, 50.4016

Trichromacy



Original Color

25.9423, 32.9695, 59.0293

Protanomaly

28.5513, 31.7702, 54.4966

Deuteranomaly

29.4431, 32.0975, 60.5207

Tritanomaly

24.6399, 32.7030, 53.1578

Monochromacy



Original Color

25.9423, 32.9695, 59.0293

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.2770, 27.2211, 37.2851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9423, 32.9695, 59.0293 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(56, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(56, 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(56, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 168, 199) }
```

Border

The CSS property to change the border of an element to XYZ 25.9423, 32.9695, 59.0293 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(56, 168, 199) }
```


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

```
.border{ border-color:rgb(56, 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(56, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(56, 168,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9423, 32.9695, 59.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 168, 199) }
```

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

```
.background{ background-color: rgb(56, 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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