

Converting Colors

XYZ(24.2594, 28.4168, 49.5538)

Have a look what the booklet for
XYZ(24.2594, 28.4168, 49.5538)
contains.

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Color

**XYZ(24.2594, 28.4168,
49.5538)**

Conversions

Conversions Part 1

Format	Color
Hex	5A99B8
RGB	90, 153, 184
RGB Percent	35%, 60%, 72%
CMY	0.6470, 0.4000, 0.2784
CMYK	0.51, 0.17, 0.00, 0.28
HSL	200°, 40%, 54%
HSV	200°, 51%, 72%
XYZ	24.2594, 28.4168, 49.5538
YIQ	137.6970, -47.4990, -3.7150

Conversions

Conversions Part 2

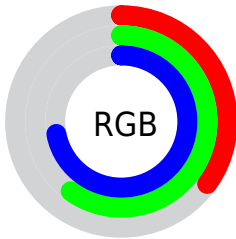
Format	Color
R_{YB}	90, 128, 184
Decimal	5937592
CIE _{Lab}	60.26, -11.56, -22.35
CIE _{LCh}	60, 25.163, 242.657
Yxy	28.4168, 0.2373, 0.2780
Android (android.graphics.Color)	4284127672 (0xFF5A99B8)
YUV	137.6970, 22.8274, -41.8303
Hunter-Lab	53.3074, -12.0553, -17.7999

Details

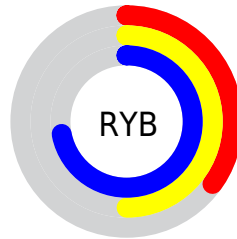
The XYZ color **24.2594, 28.4168, 49.5538** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **28.4508, 24.6042, 12.9234**, and the grayscale version is **23.9718, 25.2202, 27.4648**.

A 20% lighter version of the original color is **49.8951, 57.0279, 90.8158**, and **9.3835, 11.4175, 23.1820** is the 20% darker color. If you saturate the color by 10%, you get **21.7184, 25.6703, 49.1581**, and if you desaturate by 10%, it is **27.2957, 31.4948, 49.9884**.

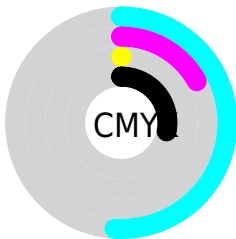
Distribution



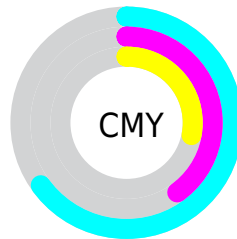
- Red (35%)
- Green (60%)
- Blue (72%)



- Red (35%)
- Yellow (50%)
- Blue (72%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (65%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2594, 28.4168, 49.5538 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 24.2594, 28.4168, 49.5538 by changing the saturation by 10% instead.

■ 24.2594, 28.4168,
49.5538

■ 24.2594, 28.4168,
49.5538

266.5455,
294.4532, 401.6034

■ 15.6519, 18.6401,
34.6903

■ 49.9048, 57.1492,
90.9029

■ 9.3675, 11.4105,
23.1428

■ 67.6734, 76.8737,
118.2256

■ 5.0407, 6.3437,
14.4927

■ 89.2264, 100.6829,
150.5384

■ 2.3061, 3.0552,
8.3215

■ 114.9293,
128.9611, 188.2599

■ 0.7978, 1.1606,
4.2106

145.1472,
162.0929, 231.8086

■ 0.0000, 0.0292,
1.7416

180.2457,

■ 0.0000, 0.0000,

200.4626, 281.6031

0.3890

220.5900,
244.4546, 338.0618

■ 0.0000, 0.0000,
0.0000

■ 24.2594, 28.4168,
49.5538

■ 24.2594, 28.4168,
49.5538

■ 21.7184, 25.6703,
49.1581

■ 27.2957, 31.4948,
49.9884

■ 19.6360, 23.2335,
48.7975

■ 30.8553, 34.9180,
50.4615

■ 17.9742, 21.0863,
48.4707

■ 34.9669, 38.7030,
50.9754

■ 16.6872, 19.2040,
48.1752

■ 39.6566, 42.8641,
51.5314

■ 15.7746, 17.7063,
47.9342

■ 44.9486, 47.4149,
52.1309

■ 50.8656, 52.3681,
52.7751

■ 57.4292, 57.7357,
53.4652

■ 64.6597, 63.5293,
54.2024

■ 72.3539, 69.6449,
54.9773

Harmonies

Analogous

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



22.1167, 28.4168, 41.5501



24.2594, 28.4168, 49.5538



27.2978, 28.4168, 52.2934

Triad

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



24.2594, 28.4168, 49.5538



33.6909, 28.4168, 30.1250



23.7988, 28.4168, 18.2659

Complementary

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



24.2594, 28.4168, 49.5538



28.4508, 24.6042, 12.9234

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.



26.7228, 28.4168, 16.3727



24.2594, 28.4168, 49.5538



32.5750, 28.4168, 22.3116

Square

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



24.2594, 28.4168, 49.5538



32.9019, 28.4168, 39.8383



29.9596, 28.4168, 17.6926



21.8660, 28.4168, 23.4782

Rectangle

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



24.2594, 28.4168, 49.5538



29.4697, 28.4168, 50.3989



29.9596, 28.4168, 17.6926



24.6898, 28.4168, 17.2731

Sweetspot

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



24.2603, 28.4179, 49.5545



68.2158, 74.4751, 92.9844



24.7338, 37.8057, 23.6898



14.3237, 15.7159, 20.0001



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.2603, 28.4179, 49.5545



38.9825, 46.0972, 89.0477



18.1511, 16.1995, 47.5181



9.0104, 9.6979, 11.4764



10.9384, 12.3366, 33.0577



0.4397, 0.5431, 1.1834

Inverse Universe

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



29.1739, 19.8035, 32.4229



49.2472, 30.1693, 52.7953



35.3893, 38.4813, 15.2362



9.2516, 9.1110, 10.6722



16.1349, 8.0277, 13.8631



0.5961, 0.2939, 0.6325

Previews

White Background



This preview shows how the XYZ color 24.2594, 28.4168, 49.5538 looks on a white background.

Color Contrast Check

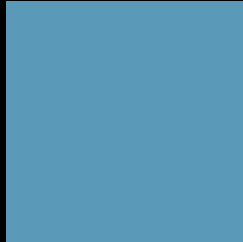
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2594, 28.4168, 49.5538 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 × Fail

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

XYZ 24.2594, 28.4168, 49.5538

Background



This preview shows how black text looks on a background with the XYZ color 24.2594, 28.4168, 49.5538.

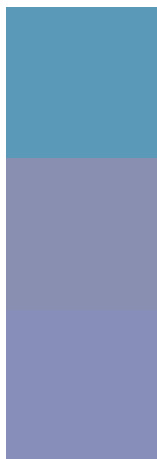


This preview shows how white text looks on a background with the XYZ color 24.2594, 28.4168,

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

24.2594, 28.4168, 49.5538

Protanopia

28.0748, 28.1376, 45.5464

Deuteranopia

28.6893, 28.1254, 50.3710



Tritanopia

22.7027, 28.5354, 41.3571

Trichromacy



Original Color

24.2594, 28.4168, 49.5538

Protanomaly

26.4177, 28.1558, 47.2223

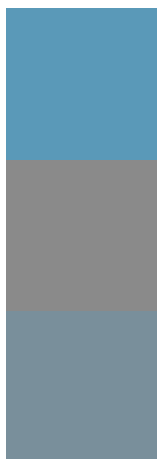
Deuteranomaly

26.6436, 27.9825, 49.8958

Tritanomaly

23.2918, 28.5249, 44.3227

Monochromacy



Original Color

24.2594, 28.4168, 49.5538

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6240, 26.0764, 34.7985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2594, 28.4168, 49.5538 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(90, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(90, 153, 184)  
}
```

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(90, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 153, 184) }
```

Border

The CSS property to change the border of an element to XYZ 24.2594, 28.4168, 49.5538 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(90, 153, 184) }
```


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

```
.border{ border-color:rgb(90, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(90, 153,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2594, 28.4168, 49.5538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 153, 184) }
```

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

```
.background{ background-color: rgb(90, 153,  
184) }
```

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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