

Converting Colors

XYZ(23.9360, 25.3988, 34.3341)

Have a look what the booklet for
XYZ(23.9360, 25.3988, 34.3341)
contains.

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Color

**XYZ(23.9674, 25.3875,
34.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	808B9A
RGB	128, 139, 154
RGB Percent	50%, 55%, 60%
CMY	0.4980, 0.4549, 0.3961
CMYK	0.17, 0.10, 0.00, 0.40
HSL	215°, 11%, 55%
HSV	215°, 17%, 60%
XYZ	23.9674, 25.3875, 34.2089
YIQ	137.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

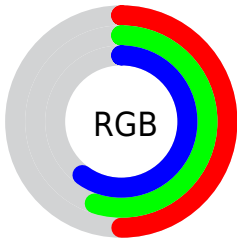
Format	Color
RYB	128, 136, 154
Decimal	8424346
CIELab	57.45, -0.71, -9.32
CIELCh	57, 9.351, 265.627
Yxy	25.3875, 0.2868, 0.3038
Android (android.graphics.Color)	4286614426 (0xFF808B9A)
YUV	137.4210, 8.1734, -8.2622
Hunter-Lab	50.3860, -3.2674, -4.9839

Details

The XYZ color **23.9674, 25.3875, 34.2089** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0453, 28.0733, 24.4158**, and the grayscale version is **23.9109, 25.1561, 27.3950**.

A 20% lighter version of the original color is **49.2909, 52.0771, 67.1285**, and **9.2450, 9.7863, 14.2336** is the 20% darker color. If you saturate the color by 10%, you get **20.5902, 21.8145, 33.6977**, and if you desaturate by 10%, it is **27.8023, 29.3529, 34.7726**.

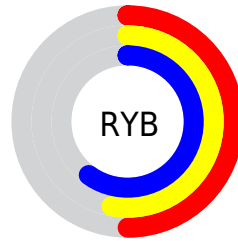
Distribution



Red (50%)

Green (55%)

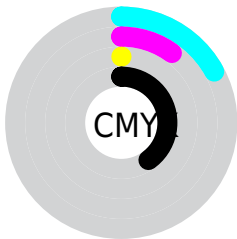
Blue (60%)



Red (50%)

Yellow (53%)

Blue (60%)

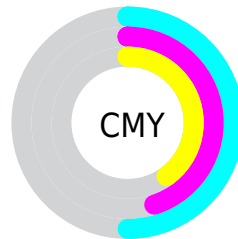


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (50%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9674, 25.3875, 34.2089 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 23.9674, 25.3875, 34.2089 by changing the saturation by 10% instead.

■ 23.9674, 25.3875,
34.2089

■ 23.9674, 25.3875,
34.2089

265.0992,
279.7623, 335.8601

■ 15.4340, 16.3660,
22.7755

■ 49.4321, 52.2852,
67.3960

■ 9.2129, 9.7835,
14.2241

■ 67.0941, 70.9301,
89.9867

■ 4.9385, 5.2557,
8.1361

■ 88.5297, 93.5517,
117.1337

■ 2.2456, 2.3980,
4.0932

114.1043,
120.5342, 149.2553

■ 0.7666, 0.8249,
1.6766

144.1831,
152.2621, 186.7703

■ 0.0000, 0.0000,
0.3446

179.1317,

■ 0.0000, 0.0000,

189.1199, 230.0970

0.0000

219.3152,
231.4918, 279.6541

■ 23.9674, 25.3875,
34.2089

■ 23.9674, 25.3875,
34.2089

■ 20.5902, 21.8145,
33.6977

■ 27.8023, 29.3529,
34.7726

■ 17.6501, 18.6178,
33.2356

■ 32.1097, 33.7200,
35.3885

■ 15.1283, 15.7843,
32.8216

■ 36.9067, 38.5017,
36.0586

■ 13.0037, 13.2994,
32.4539

■ 42.2087, 43.7091,
36.7843

■ 11.2531, 11.1469,
32.1307

■ 48.0305, 49.3533,
37.5669

■ 9.8505, 9.3091,
31.8499

■ 54.3863, 55.4446,
38.4077

■ 8.7666, 7.7663,
31.6092

■ 61.2896, 61.9930,
39.3078

■ 7.9561, 6.4905,
31.4057

■ 68.7535, 69.0083,
40.2685

■ 7.7326, 6.1328,
31.3484

■ 72.3926, 74.2326,
41.0851

Harmonies

Analogous

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



22.9429, 25.3875, 33.0112



23.9674, 25.3875, 34.2089



25.0667, 25.3875, 33.5395

Triad

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



23.9674, 25.3875, 34.2089



26.1097, 25.3875, 25.0779



22.4079, 25.3875, 24.3276

Complementary

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



23.9674, 25.3875, 34.2089



27.0453, 28.0733, 24.4158

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.



23.2170, 25.3875, 22.4810



23.9674, 25.3875, 34.2089



25.3574, 25.3875, 22.8902

Square

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



23.9674, 25.3875, 34.2089



26.3254, 25.3875, 28.1122



24.2934, 25.3875, 21.9755



22.0603, 25.3875, 27.1784

Rectangle

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



23.9674, 25.3875, 34.2089



25.6909, 25.3875, 32.1499



24.2934, 25.3875, 21.9755



22.6337, 25.3875, 23.5777

Sweetspot

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



23.9682, 25.3885, 34.2095



51.8353, 54.6811, 63.3588



25.3959, 29.6759, 30.2708



11.6213, 12.2631, 14.3249



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.9682, 25.3885, 34.2095



41.2878, 43.7559, 61.8059



22.7174, 22.4967, 33.7172



6.0886, 6.4345, 7.8501



6.3339, 5.0645, 25.5514



0.1296, 0.1455, 0.3936

Inverse Universe

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



25.7064, 24.1730, 27.7383



45.0383, 41.2484, 47.8174



28.4512, 31.3713, 24.9783



6.3118, 6.2639, 7.0222



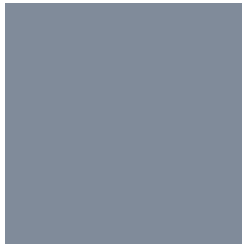
11.6558, 5.9166, 4.7127



0.1919, 0.0955, 0.1632

Previews

White Background



This preview shows how the XYZ color 23.9674, 25.3875, 34.2089 looks on a white background.

Color Contrast Check

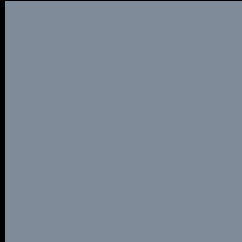
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9674, 25.3875, 34.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

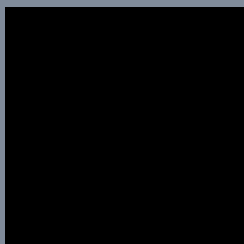
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

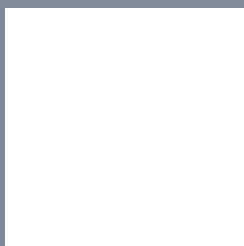
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9674, 25.3875, 34.2089

Background



This preview shows how black text looks on a background with the XYZ color 23.9674, 25.3875, 34.2089.



This preview shows how white text looks on a background with the XYZ color 23.9674, 25.3875,

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

23.9674, 25.3875, 34.2089

Protanopia

24.8488, 25.4255, 33.7349

Deuteranopia

25.7692, 25.2564, 34.5271



Tritanopia

23.7164, 25.5026, 32.9507

Trichromacy



Original Color

23.9674, 25.3875, 34.2089

Protanomaly

24.5111, 25.4634, 33.7600

Deuteranomaly

25.2018, 25.3782, 34.5805

Tritanomaly

23.7980, 25.5352, 33.3803

Monochromacy



Original Color

23.9674, 25.3875, 34.2089

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8779, 25.2285, 29.5977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9674, 25.3875, 34.2089 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(128, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(128, 139, 154)  
}
```

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(128, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 139, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.9674, 25.3875, 34.2089 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(128, 139, 154) }
```


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

```
.border{ border-color:rgb(128, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(128, 139,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9674, 25.3875, 34.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 139, 154) }
```

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

```
.background{ background-color: rgb(128,  
139, 154) }
```

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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