

Converting Colors

XYZ(23.9039, 25.5471, 31.0579)

Have a look what the booklet for
XYZ(23.9039, 25.5471, 31.0579)
contains.

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Color

**XYZ(23.9265, 25.6568,
30.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	838C92
RGB	131, 140, 146
RGB Percent	51%, 55%, 57%
CMY	0.4863, 0.4510, 0.4274
CMYK	0.10, 0.04, 0.00, 0.43
HSL	204°, 6%, 54%
HSV	204°, 10%, 57%
XYZ	23.9265, 25.6568, 30.8853
YIQ	137.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

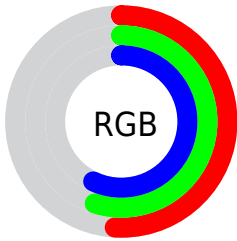
Format	Color
RYB	131, 137, 146
Decimal	8621202
CIELab	57.71, -2.01, -4.32
CIElCh	58, 4.767, 245.086
Yxy	25.6568, 0.2973, 0.3188
Android (android.graphics.Color)	4286811282 (0xFF838C92)
YUV	137.9930, 3.9475, -6.1329
Hunter-Lab	50.6525, -4.3248, -0.6952

Details

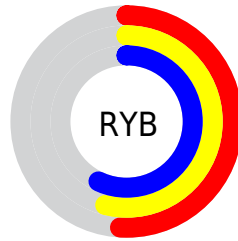
The XYZ color **23.9265, 25.6568, 30.8853** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8966, 25.6409, 25.1103**, and the grayscale version is **24.1428, 25.4002, 27.6608**.

A 20% lighter version of the original color is **49.4843, 52.9441, 62.2547**, and **9.2472, 9.9507, 12.4996** is the 20% darker color. If you saturate the color by 10%, you get **20.9923, 22.9118, 30.5105**, and if you desaturate by 10%, it is **27.2262, 28.6588, 31.2912**.

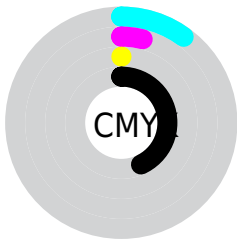
Distribution



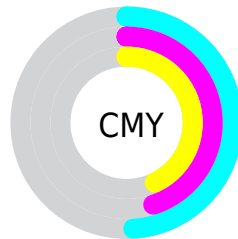
- Red (51%)
- Green (55%)
- Blue (57%)



- Red (51%)
- Yellow (54%)
- Blue (57%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9265, 25.6568, 30.8853 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 23.9265, 25.6568, 30.8853 by changing the saturation by 10% instead.

■ 23.9265, 25.6568,
30.8853

■ 23.9265, 25.6568,
30.8853

264.8961,
281.0932, 320.3444

■ 15.4035, 16.5671,
20.2538

■ 49.3658, 52.7208,
62.1369

■ 9.1912, 9.9263,
12.3938

■ 67.0128, 71.4638,
83.5941

■ 4.9242, 5.3501,
6.8867

■ 88.4319, 94.1933,
109.4969

■ 2.2372, 2.4541,
3.3139

113.9885,
121.2939, 140.2639

■ 0.7622, 0.8535,
1.2571

144.0478,
153.1497, 176.3136

■ 0.0000, 0.0000,
0.0262

178.9753,

■ 0.0000, 0.0000,

190.1453, 218.0645

0.0000

219.1362,
232.6650, 265.9353

■ 23.9265, 25.6568,
30.8853

■ 23.9265, 25.6568,
30.8853

■ 20.9923, 22.9118,
30.5105

■ 27.2262, 28.6588,
31.2912

■ 18.4073, 20.4124,
30.1643

■ 30.9022, 31.9223,
31.7274

■ 16.1574, 18.1508,
29.8464

■ 34.9678, 35.4558,
32.1952

■ 14.2266, 16.1177,
29.5557

■ 39.4349, 39.2664,
32.6952

■ 12.5974, 14.3030,
29.2913

■ 44.3148, 43.3610,
33.2284

■ 11.2506, 12.6957,
29.0521

■ 49.6183, 47.7460,
33.7952

■ 10.1643, 11.2833,
28.8367

■ 55.3561, 52.4278,
34.3965

■ 9.3132, 10.0516,
28.6438

■ 61.5381, 57.4124,
35.0328

■ 8.6470, 8.9926,
28.4745

■ 65.3981, 61.2747,
35.5749

Harmonies

Analogous

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



23.4987, 25.6568, 29.7822



23.9265, 25.6568, 30.8853



24.4835, 25.6568, 31.1858

Triad

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



23.9265, 25.6568, 30.8853



25.4959, 25.6568, 27.6581



23.7605, 25.6568, 25.4415

Complementary

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



23.9265, 25.6568, 30.8853



24.8966, 25.6409, 25.1103

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.



24.2888, 25.6568, 24.9200



23.9265, 25.6568, 30.8853



25.2954, 25.6568, 26.1675

Square

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



23.9265, 25.6568, 30.8853



25.3952, 25.6568, 29.2813



24.8514, 25.6568, 25.1805



23.4039, 25.6568, 26.6323

Rectangle

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



23.9265, 25.6568, 30.8853



24.8544, 25.6568, 30.8810



24.8514, 25.6568, 25.1805



23.9236, 25.6568, 25.1842

Sweetspot

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



23.9272, 25.6579, 30.8859



46.3415, 49.0351, 54.9958



24.1369, 27.1825, 27.5481



10.2092, 10.8179, 12.2222



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.9272, 25.6579, 30.8859



41.1402, 44.2737, 54.3509



22.9022, 23.6079, 30.5442



5.7715, 6.1769, 7.3578



7.6314, 7.9577, 25.0648



0.1223, 0.1552, 0.3164

Inverse Universe

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



24.7046, 24.2376, 28.1884



42.7605, 41.3541, 48.7193



25.9624, 27.7725, 25.4655



5.9381, 5.8703, 6.7802



11.9791, 5.9967, 8.6368



0.1612, 0.0792, 0.1826

Previews

White Background



This preview shows how the XYZ color 23.9265, 25.6568, 30.8853 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 23.9265, 25.6568, 30.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

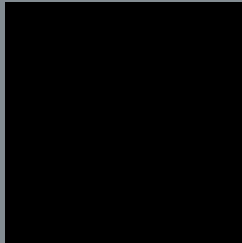
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

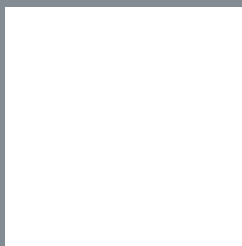
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9265, 25.6568, 30.8853

Background



This preview shows how black text looks on a background with the XYZ color 23.9265, 25.6568, 30.8853.



This preview shows how white text looks on a background with the XYZ color 23.9265, 25.6568,

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

23.9265, 25.6568, 30.8853

Protanopia

24.8468, 25.7103, 30.4411

Deuteranopia

26.0043, 25.4527, 31.1460



Tritanopia

24.2534, 25.5728, 32.5119

Trichromacy



Original Color

23.9265, 25.6568, 30.8853

Protanomaly

24.4968, 25.7438, 30.4660

Deuteranomaly

25.2259, 25.4657, 31.1896

Tritanomaly

24.1732, 25.5407, 32.0896

Monochromacy



Original Color

23.9265, 25.6568, 30.8853

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0320, 25.5392, 28.8622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9265, 25.6568, 30.8853 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(131, 140, 146)` looks like.

```
.text, #text, p{  
    color:rgb(131, 140, 146)  
}
```

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(131, 140, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 140, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.9265, 25.6568, 30.8853 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(131, 140, 146) }
```


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

```
.border{ border-color:rgb(131, 140, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 140, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 140, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 140, 146);  
box-shadow:4px 4px 4px 4px rgb(131, 140,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9265, 25.6568, 30.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 140, 146) }
```

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

```
.background{ background-color: rgb(131,  
140, 146) }
```

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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