

Converting Colors

XYZ(24.0140, 24.8956, 38.1900)

Have a look what the booklet for
XYZ(24.0140, 24.8956, 38.1900)
contains.

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Color

**XYZ(24.0140, 24.8956,
38.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	7D89A3
RGB	125, 137, 163
RGB Percent	49%, 54%, 64%
CMY	0.5098, 0.4627, 0.3608
CMYK	0.23, 0.16, 0.00, 0.36
HSL	221°, 17%, 56%
HSV	221°, 23%, 64%
XYZ	24.0140, 24.8956, 38.1900
YIQ	136.3760, -15.4980, 5.5420

Conversions

Conversions Part 2

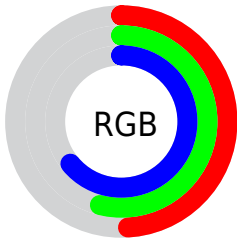
Format	Color
R_{YB}	125, 134, 163
Decimal	8227235
CIE _{Lab}	56.97, 1.55, -15.23
CIE _{LCh}	57, 15.308, 275.810
Yxy	24.8956, 0.2757, 0.2858
Android (android.graphics.Color)	4286417315 (0xFF7D89A3)
YUV	136.3760, 13.1256, -9.9768
Hunter-Lab	49.8955, -1.4076, -10.4537

Details

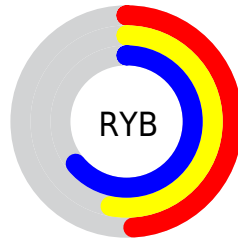
The XYZ color **24.0140, 24.8956, 38.1900** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.8730, 31.4008, 23.8893**, and the grayscale version is **23.4998, 24.7236, 26.9240**.

A 20% lighter version of the original color is **49.4284, 51.3538, 73.6368**, and **9.1791, 9.4599, 16.3811** is the 20% darker color. If you saturate the color by 10%, you get **20.3228, 20.7602, 37.5867**, and if you desaturate by 10%, it is **28.2612, 29.5621, 38.8673**.

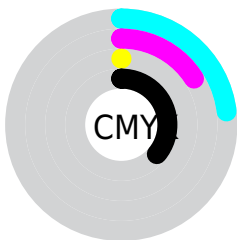
Distribution



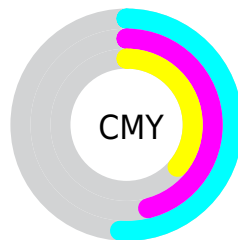
- Red (49%)
- Green (54%)
- Blue (64%)



- Red (49%)
- Yellow (53%)
- Blue (64%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (51%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0140, 24.8956, 38.1900 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 24.0140, 24.8956, 38.1900 by changing the saturation by 10% instead.

■ 24.0140, 24.8956,
38.1900

■ 24.0140, 24.8956,
38.1900

265.3304,
277.3176, 353.7569

■ 15.4688, 15.9993,
25.8272

■ 49.5076, 51.4878,
73.6059

■ 9.2375, 9.5237,
16.4698

■ 67.1866, 69.9525,
97.4961

■ 4.9548, 5.0843,
9.6993

■ 88.6410, 92.3754,
126.0659

■ 2.2552, 2.2968,
5.0970

114.2361,
119.1410, 159.7337

■ 0.7716, 0.7720,
2.2446

144.3372,
150.6336, 198.9182

■ 0.0000, 0.0000,
0.6999

179.3097,

■ 0.0000, 0.0000,

187.2377, 244.0379

0.0000

219.5190,
229.3375, 295.5113

■ 24.0140, 24.8956,
38.1900

■ 24.0140, 24.8956,
38.1900

■ 20.3228, 20.7602,
37.5867

■ 28.2612, 29.5621,
38.8673

■ 17.1612, 17.1331,
37.0533

■ 33.0845, 34.7754,
39.6193

■ 14.5042, 13.9944,
36.5875

■ 38.5059, 40.5540,
40.4490

■ 12.3238, 11.3215,
36.1865

■ 44.5455, 46.9149,
41.3584

■ 10.5887, 9.0896,
35.8471

■ 51.2223, 53.8742,
42.3498

■ 9.2640, 7.2715,
35.5660

■ 58.5548, 61.4473,
43.4251

■ 8.3083, 5.8362,
35.3394

■ 66.5604, 69.6492,
44.5863

■ 7.8157, 5.0539,
35.2143

■ 75.1076, 78.4177,
45.8283

■ 78.2435, 84.6896,
46.8736

Harmonies

Analogous

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



22.2749, 24.8956, 37.1713



24.0140, 24.8956, 38.1900



25.7420, 24.8956, 35.9486

Triad

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



24.0140, 24.8956, 38.1900



26.5762, 24.8956, 21.7203



20.6489, 24.8956, 23.2516

Complementary

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



24.0140, 24.8956, 38.1900



29.8730, 31.4008, 23.8893

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.



21.6981, 24.8956, 19.8489



24.0140, 24.8956, 38.1900



25.1066, 24.8956, 19.0463

Square

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



24.0140, 24.8956, 38.1900



27.2686, 24.8956, 26.1177



23.3145, 24.8956, 18.4071



20.3892, 24.8956, 28.1211

Rectangle

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



24.0140, 24.8956, 38.1900



26.6368, 24.8956, 33.0557



23.3145, 24.8956, 18.4071



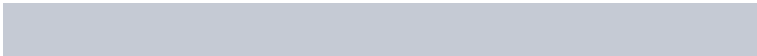
20.9183, 24.8956, 21.9187

Sweetspot

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



24.0148, 24.8966, 38.1906



55.8287, 58.5969, 70.4240



27.1385, 32.7882, 34.1630



12.4305, 13.0436, 15.8000



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.0148, 24.8966, 38.1906



39.4437, 40.6137, 67.8164



23.4557, 22.2152, 37.7025



6.8745, 7.2081, 8.9320



6.1111, 4.0016, 27.3801



0.1691, 0.1656, 0.5889

Inverse Universe

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



26.9539, 24.2607, 26.9301



45.7025, 39.4719, 43.7899



30.5162, 34.7468, 24.5013



7.1616, 7.1211, 7.8376



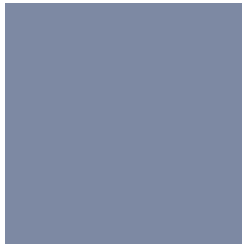
12.2301, 6.2481, 3.1361



0.2775, 0.1395, 0.1742

Previews

White Background



This preview shows how the XYZ color 24.0140, 24.8956, 38.1900 looks on a white background.

Color Contrast Check

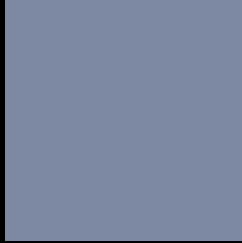
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0140, 24.8956, 38.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

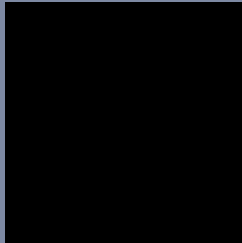
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0140, 24.8956, 38.1900

Background



This preview shows how black text looks on a background with the XYZ color 24.0140, 24.8956, 38.1900.



This preview shows how white text looks on a background with the XYZ color 24.0140, 24.8956,

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

24.0140, 24.8956, 38.1900

Protanopia

24.5456, 24.7619, 37.6682

Deuteranopia

25.2417, 24.6896, 38.5572



Tritanopia

22.7637, 24.8048, 32.4422

Trichromacy



Original Color

24.0140, 24.8956, 38.1900

Protanomaly

24.3790, 24.8841, 37.7006

Deuteranomaly

24.7417, 24.6361, 38.5732

Tritanomaly

23.1733, 24.7545, 34.5671

Monochromacy



Original Color

24.0140, 24.8956, 38.1900

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5082, 24.5892, 30.7013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0140, 24.8956, 38.1900 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(125, 137, 163)` looks like.

```
.text, #text, p{  
    color:rgb(125, 137, 163)  
}
```

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(125, 137, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 137, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.0140, 24.8956, 38.1900 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(125, 137, 163) }
```


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

```
.border{ border-color:rgb(125, 137, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 137, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 137, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 137, 163);  
box-shadow:4px 4px 4px 4px rgb(125, 137,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0140, 24.8956, 38.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 137, 163) }
```

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

```
.background{ background-color: rgb(125,  
137, 163) }
```

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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