

Converting Colors

XYZ(23.9162, 23.5186, 31.7865)

Have a look what the booklet for
XYZ(23.9162, 23.5186, 31.7865)
contains.

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Color

**XYZ(23.8887, 23.5385,
31.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8295
RGB	138, 130, 149
RGB Percent	54%, 51%, 58%
CMY	0.4588, 0.4902, 0.4157
CMYK	0.07, 0.13, 0.00, 0.42
HSL	265°, 8%, 55%
HSV	265°, 13%, 58%
XYZ	23.8887, 23.5385, 31.7181
YIQ	134.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

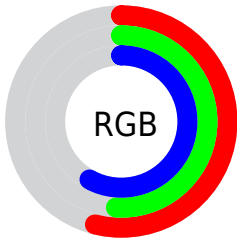
Format	Color
R_{YB}	138, 130, 149
Decimal	9077397
CIE Lab	55.62, 6.82, -9.09
CIE LCh	56, 11.367, 306.878
Yxy	23.5385, 0.3018, 0.2974
Android (android.graphics.Color)	4287267477 (0xFF8A8295)
YUV	134.5580, 7.1199, 3.0186
Hunter-Lab	48.5165, 2.9865, -4.7998

Details

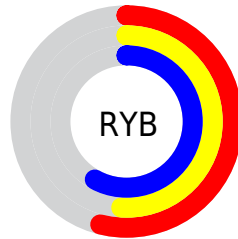
The XYZ color **23.8887, 23.5385, 31.7181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7621, 28.7700, 25.3156**, and the grayscale version is **22.8410, 24.0306, 26.1693**.

A 20% lighter version of the original color is **49.1988, 49.2551, 63.4140**, and **9.1715, 8.8414, 12.7784** is the 20% darker color. If you saturate the color by 10%, you get **20.6776, 19.1515, 31.0409**, and if you desaturate by 10%, it is **27.5016, 28.5600, 32.4973**.

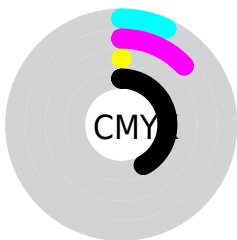
Distribution



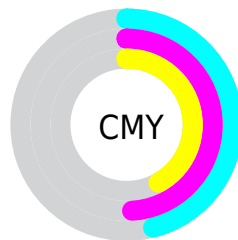
- Red (54%)
- Green (51%)
- Blue (58%)



- Red (54%)
- Yellow (51%)
- Blue (58%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8887, 23.5385, 31.7181 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 23.8887, 23.5385, 31.7181 by changing the saturation by 10% instead.

■ 23.8887, 23.5385,
31.7181

■ 23.8887, 23.5385,
31.7181

264.7082,
270.4789, 324.2862

■ 15.3754, 14.9916,
20.8832

■ 49.3045, 49.2760,
63.4617

■ 9.1713, 8.8135,
12.8483

■ 66.9377, 67.2355,
85.2074

■ 4.9111, 4.6197,
7.1946

■ 88.3416, 89.1013,
111.4273

■ 2.2294, 2.0259,
3.5038

113.8814,
115.2578, 142.5397

■ 0.7582, 0.6225,
1.3573

143.9227,
146.0894, 178.9633

■ 0.0000, 0.0000,
0.1081

178.8307,

■ 0.0000, 0.0000,

181.9806, 221.1165

0.0000

218.9707,
223.3156, 269.4180

■ 23.8887, 23.5385,
31.7181

■ 23.8887, 23.5385,
31.7181

■ 20.6776, 19.1515,
31.0409

■ 27.5016, 28.5600,
32.4973

■ 17.8513, 15.3700,
30.4600

■ 31.5284, 34.2374,
33.3809

■ 15.3946, 12.1674,
29.9713

■ 35.9829, 40.5947,
34.3732

■ 13.2905, 9.5136,
29.5700

■ 40.8781, 47.6539,
35.4778

■ 11.5204, 7.3760,
29.2507

■ 46.2260, 55.4360,
36.6980

■ 10.0638, 5.7182,
29.0075

■ 52.0384, 63.9609,
38.0371

■ 8.8978, 4.4989,
28.8336

■ 58.3265, 73.2480,
39.4983

■ 7.9954, 3.6694,
28.7210

■ 65.1012, 83.3157,
41.0845

■ 7.4575, 3.2178,
28.6622

■ 69.3995, 88.2351,
41.8075

Harmonies

Analogous

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



22.6699, 23.5385, 33.3179



23.8887, 23.5385, 31.7181



24.7233, 23.5385, 28.5105

Triad

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



23.8887, 23.5385, 31.7181



23.3572, 23.5385, 19.6558



20.0077, 23.5385, 26.4863

Complementary

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



23.8887, 23.5385, 31.7181



25.7621, 28.7700, 25.3156

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.



20.1759, 23.5385, 22.9493



23.8887, 23.5385, 31.7181



22.0780, 23.5385, 19.2253

Square

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



23.8887, 23.5385, 31.7181



24.4083, 23.5385, 21.6124



20.9221, 23.5385, 20.3745



20.4534, 23.5385, 30.1157

Rectangle

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



23.8887, 23.5385, 31.7181



24.9321, 23.5385, 26.0169



20.9221, 23.5385, 20.3745



19.9946, 23.5385, 25.2458

Sweetspot

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



23.8894, 23.5395, 31.7186



48.3478, 49.8828, 58.0014



24.1688, 25.9910, 32.1771



10.6107, 10.9097, 12.8314



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.8894, 23.5395, 31.7186



41.2459, 40.0424, 56.4763



25.5157, 24.3779, 31.7947



5.7171, 5.7451, 7.2773



6.3090, 2.7250, 24.1245



0.1096, 0.0501, 0.2968

Inverse Universe

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



25.1856, 24.2790, 28.5594



44.0016, 41.6152, 49.7323



24.2283, 27.9792, 25.2439



5.9331, 5.8683, 6.7538



11.8696, 5.9529, 8.0605



0.1600, 0.0788, 0.1764

Previews

White Background



This preview shows how the XYZ color 23.8887, 23.5385, 31.7181 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 23.8887, 23.5385, 31.7181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

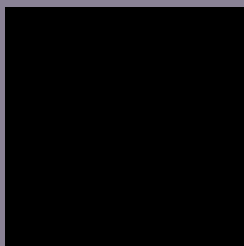
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8887, 23.5385, 31.7181

Background



This preview shows how black text looks on a background with the XYZ color 23.8887, 23.5385, 31.7181.



This preview shows how white text looks on a background with the XYZ color 23.8887, 23.5385,

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

23.8887, 23.5385, 31.7181

Protanopia

22.9622, 23.4504, 32.1703

Deuteranopia

24.0549, 23.6242, 31.7259



Tritanopia

23.3153, 23.5040, 28.8991

Trichromacy



Original Color

23.8887, 23.5385, 31.7181

Protanomaly

23.2942, 23.4212, 32.1472

Deuteranomaly

24.0549, 23.6242, 31.7259

Tritanomaly

23.5437, 23.5953, 30.1015

Monochromacy



Original Color

23.8887, 23.5385, 31.7181

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2745, 23.9027, 28.1979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8887, 23.5385, 31.7181 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(138, 130, 149)` looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 149)  
}
```

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(138, 130, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.8887, 23.5385, 31.7181 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(138, 130, 149) }
```


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

```
.border{ border-color:rgb(138, 130, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 130, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 149);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8887, 23.5385, 31.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 149) }
```

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

```
.background{ background-color: rgb(138,  
130, 149) }
```

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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