

Converting Colors

XYZ(27.4265, 30.4548, 39.1746)

Have a look what the booklet for
XYZ(27.4265, 30.4548, 39.1746)
contains.

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Color

**XYZ(27.5265, 30.5808,
39.1022)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 839AA3 |
| RGB | 131, 154, 163 |
| RGB Percent | 51%, 60%, 64% |
| CMY | 0.4863, 0.3961, 0.3608 |
| CMYK | 0.20, 0.06, 0.00, 0.36 |
| HSL | 197°, 15%, 58% |
| HSV | 197°, 20%, 64% |
| XYZ | 27.5265, 30.5808, 39.1022 |
| YIQ | 148.1490, -16.5970, -2.0770 |

Conversions

Conversions Part 2

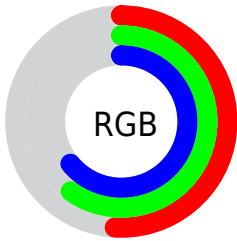
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 131, 144, 163 |
| Decimal | 8624803 |
| CIELab | 62.15, -6.06, -7.41 |
| CIELCh | 62, 9.574, 230.759 |
| Yxy | 30.5808, 0.2832, 0.3146 |
| Android (android.graphics.Color) | 4286814883 (0xFF839AA3) |
| YUV | 148.1490, 7.3215, -15.0397 |
| Hunter-Lab | 55.2999, -7.9233, -3.2136 |

Details

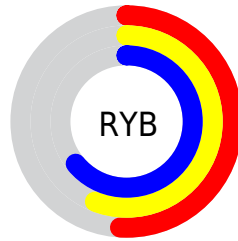
The XYZ color **27.5265, 30.5808, 39.1022** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5793, 28.1814, 25.4066**, and the grayscale version is **28.1865, 29.6544, 32.2937**.

A 20% lighter version of the original color is **54.9779, 60.3641, 75.0834**, and **11.1128, 12.5975, 16.8848** is the 20% darker color. If you saturate the color by 10%, you get **24.4560, 27.8970, 38.7465**, and if you desaturate by 10%, it is **31.0249, 33.5297, 39.4875**.

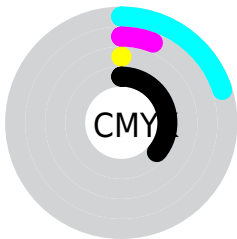
Distribution



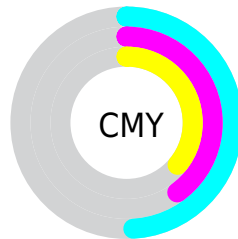
- Red (51%)
- Green (60%)
- Blue (64%)



- Red (51%)
- Yellow (56%)
- Blue (64%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5265, 30.5808, 39.1022 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 27.5265, 30.5808, 39.1022 by changing the saturation by 10% instead.

■ 27.5265, 30.5808,
39.1022

■ 27.5265, 30.5808,
39.1022

282.3187,
304.6024, 357.7637

■ 18.1077, 20.2798,
26.5308

■ 55.1415, 60.5795,
75.0165

■ 11.1275, 12.5986,
16.9918

■ 74.0684, 81.0460,
99.1964

■ 6.2206, 7.1528,
10.0668

■ 96.8954, 105.6698,
128.0830

■ 3.0216, 3.5578,
5.3371

123.9878,
134.8353, 162.0947

■ 1.1652, 1.4294,
2.3842

155.7110,
168.9270, 201.6501

■ 0.0786, 0.2383,
0.7778

192.4303,

■ 0.0000, 0.0000,

208.3291, 247.1677

0.0000

234.5110,
253.4261, 299.0661

■ 27.5265, 30.5808,
39.1022

■ 27.5265, 30.5808,
39.1022

■ 24.4560, 27.8970,
38.7465

■ 31.0249, 33.5297,
39.4875

■ 21.7918, 25.4643,
38.4174

■ 34.9661, 36.7494,
39.9012

■ 19.5145, 23.2729,
38.1144

■ 39.3677, 40.2502,
40.3450

■ 17.6020, 21.3111,
37.8365

■ 44.2452, 44.0407,
40.8195

■ 16.0298, 19.5656,
37.5825

■ 49.6137, 48.1289,
41.3257

■ 14.7699, 18.0216,
37.3509

■ 55.4875, 52.5228,
41.8642

■ 13.7900, 16.6619,
37.1401

■ 61.8801, 57.2298,
42.4358

■ 13.0190, 15.4493,
36.9466

■ 66.4100, 61.0224,
42.9291

■ 12.9917, 15.4059,
36.9397

■ 67.4230, 63.0484,
43.2668

Harmonies

Analogous

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



26.8099, 30.5808, 35.8768



27.5265, 30.5808, 39.1022



28.6700, 30.5808, 40.8053

Triad

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



27.5265, 30.5808, 39.1022



31.5814, 30.5808, 34.4500



28.1966, 30.5808, 27.0919

Complementary

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



27.5265, 30.5808, 39.1022



28.5793, 28.1814, 25.4066

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.



29.4659, 30.5808, 26.7718



27.5265, 30.5808, 39.1022



31.4456, 30.5808, 30.8445

Square

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



27.5265, 30.5808, 39.1022



31.0280, 30.5808, 37.9917



30.6621, 30.5808, 28.0974



27.1887, 30.5808, 29.0064

Rectangle

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



27.5265, 30.5808, 39.1022



29.5312, 30.5808, 40.7679



30.6621, 30.5808, 28.0974



28.6059, 30.5808, 26.8001

Sweetspot

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



27.5274, 30.5821, 39.1029



57.9549, 62.0216, 70.9729



27.1571, 32.8999, 29.5505



12.9216, 13.8519, 15.9302



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.



27.5274, 30.5821, 39.1029



46.5577, 52.3970, 69.7159



25.1271, 25.7814, 38.3028



7.1070, 7.6730, 9.0095



10.1366, 12.0525, 28.7219



0.2497, 0.3267, 0.6158

Inverse Universe

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



29.0540, 26.3529, 34.1285



49.8901, 43.4319, 58.7976



31.0118, 33.0464, 26.2174



7.2790, 7.1680, 8.4555



14.2619, 7.0608, 13.8359



0.3182, 0.1558, 0.3884

Previews

White Background



This preview shows how the XYZ color 27.5265, 30.5808, 39.1022 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.5265, 30.5808, 39.1022 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 ✓ Pass

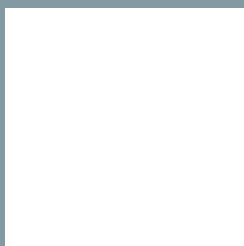
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5265, 30.5808, 39.1022

Background



This preview shows how black text looks on a background with the XYZ color 27.5265, 30.5808, 39.1022.

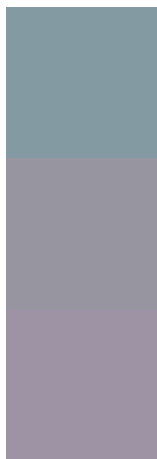


This preview shows how white text looks on a background with the XYZ color 27.5265, 30.5808,

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

27.5265, 30.5808, 39.1022

Protanopia

29.6703, 30.5170, 37.5843

Deuteranopia

31.1710, 30.5435, 39.8499



Tritanopia

27.9543, 30.7699, 40.5422

Trichromacy



Original Color

27.5265, 30.5808, 39.1022

Protanomaly

28.8273, 30.5461, 38.0948

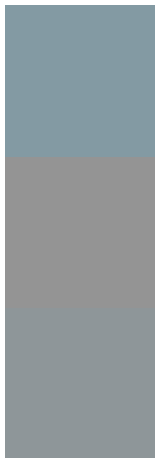
Deuteranomaly

29.6610, 30.4711, 39.4402

Tritanomaly

27.8629, 30.7333, 40.0609

Monochromacy



Original Color

27.5265, 30.5808, 39.1022

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8114, 29.8634, 34.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5265, 30.5808, 39.1022 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, 154, 163)` looks like.

```
.text, #text, p{  
    color:rgb(131, 154, 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(131, 154, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.5265, 30.5808, 39.1022 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, 154, 163) }
```


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

```
.border{ border-color:rgb(131, 154, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 154, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 163);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5265, 30.5808, 39.1022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 163) }
```

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

```
.background{ background-color: rgb(131,  
154, 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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