

Converting Colors

XYZ(22.4559, 22.9323, 34.4960)

Have a look what the booklet for
XYZ(22.4559, 22.9323, 34.4960)
contains.

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Color

**XYZ(22.4292, 22.9180,
34.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	7C839C
RGB	124, 131, 156
RGB Percent	49%, 51%, 61%
CMY	0.5137, 0.4863, 0.3882
CMYK	0.21, 0.16, 0.00, 0.39
HSL	227°, 14%, 55%
HSV	227°, 21%, 61%
XYZ	22.4292, 22.9180, 34.6940
YIQ	131.7570, -12.1970, 6.2910

Conversions

Conversions Part 2

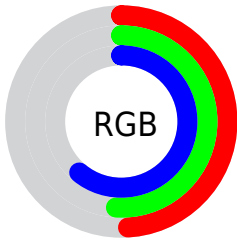
Format	Color
RYB	124, 130, 156
Decimal	8160156
CIELab	54.99, 3.00, -14.21
CIElCh	55, 14.523, 281.908
Yxy	22.9180, 0.2802, 0.2863
Android (android.graphics.Color)	4286350236 (0xFF7C839C)
YUV	131.7570, 11.9518, -6.8029
Hunter-Lab	47.8727, -0.1470, -9.4573

Details

The XYZ color **22.4292, 22.9180, 34.6940** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0960, 30.0179, 23.3824**, and the grayscale version is **21.8067, 22.9424, 24.9842**.

A 20% lighter version of the original color is **47.0298, 48.3312, 68.4781**, and **8.4687, 8.5504, 14.5686** is the 20% darker color. If you saturate the color by 10%, you get **18.8091, 18.7637, 34.0833**, and if you desaturate by 10%, it is **26.6000, 27.6432, 35.3866**.

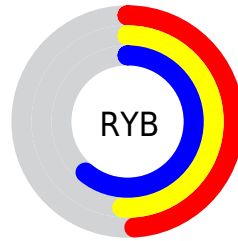
Distribution



Red (49%)

Green (51%)

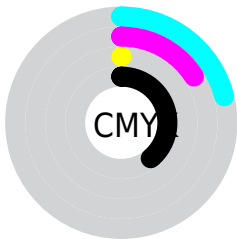
Blue (61%)



Red (49%)

Yellow (51%)

Blue (61%)

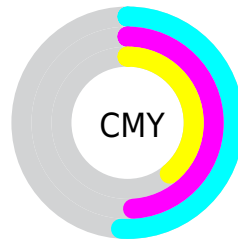


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4292, 22.9180, 34.6940 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 22.4292, 22.9180, 34.6940 by changing the saturation by 10% instead.

■ 22.4292, 22.9180,
34.6940

■ 22.4292, 22.9180,
34.6940

257.3700,
267.3035, 338.0787

■ 14.2910, 14.5330,
23.1456

■ 46.9279, 48.2586,
68.1576

■ 8.4064, 8.4923,
14.4947

■ 64.0192, 65.9831,
90.9099

■ 4.4100, 4.4115,
8.3229

■ 84.8255, 87.5894,
118.2340

■ 1.9366, 1.9063,
4.2115

109.7121,
113.4620, 150.5483

■ 0.5980, 0.5522,
1.7421

139.0446,
143.9854, 188.2713

■ 0.0000, 0.0000,
0.3893

173.1881,

■ 0.0000, 0.0000,

179.5438, 231.8217

0.0000

212.5081,
220.5217, 281.6180

■ 22.4292, 22.9180,
34.6940

■ 22.4292, 22.9180,
34.6940

■ 18.8091, 18.7637,
34.0833

■ 26.6000, 27.6432,
35.3866

■ 15.7141, 15.1555,
33.5500

■ 31.3412, 32.9570,
36.1624

■ 13.1199, 12.0709,
33.0913

■ 36.6743, 38.8802,
37.0246

■ 10.9992, 9.4849,
32.7040

■ 42.6191, 45.4314,
37.9758

■ 9.3221, 7.3702,
32.3842

■ 49.1941, 52.6285,
39.0184

■ 8.0552, 5.6967,
32.1279

■ 56.4175, 60.4888,
40.1549

■ 7.1598, 4.4306,
31.9307

■ 64.3064, 69.0286,
41.3875

■ 6.5767, 3.5521,
31.7919

■ 72.8774, 78.2641,
42.7183

■ 78.6024, 86.3836,
43.9838

Harmonies

Analogous

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



20.8338, 22.9180, 34.3860



22.4292, 22.9180, 34.6940



23.9210, 22.9180, 32.1657

Triad

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



22.4292, 22.9180, 34.6940



24.1737, 22.9180, 19.4782



18.9655, 22.9180, 22.2957

Complementary

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



22.4292, 22.9180, 34.6940



28.0960, 30.0179, 23.3824

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.



19.7761, 22.9180, 18.9095



22.4292, 22.9180, 34.6940



22.7603, 22.9180, 17.4265

Square

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



22.4292, 22.9180, 34.6940



24.9610, 22.9180, 23.1653



21.1491, 22.9180, 17.2320



18.8867, 22.9180, 26.8321

Rectangle

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



22.4292, 22.9180, 34.6940



24.6354, 22.9180, 29.3748



21.1491, 22.9180, 17.2320



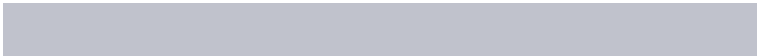
19.1595, 22.9180, 21.0003

Sweetspot

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



22.4299, 22.9189, 34.6945



51.9660, 54.3137, 64.8714



25.5887, 30.2175, 32.7231



11.3246, 11.8277, 14.2565



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.



22.4299, 22.9189, 34.6945



37.3399, 37.7399, 62.4432



22.8082, 21.7647, 34.4518



6.3966, 6.6590, 8.3549



5.4392, 2.9700, 26.1938



0.1247, 0.1080, 0.4775

Inverse Universe

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



25.0152, 23.1224, 24.6184



43.0083, 38.3059, 40.3244



27.6435, 31.4789, 23.6883



6.6895, 6.6687, 7.2162



11.5437, 5.9220, 1.8480



0.2203, 0.1114, 0.1060

Previews

White Background



This preview shows how the XYZ color 22.4292, 22.9180, 34.6940 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 22.4292, 22.9180, 34.6940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

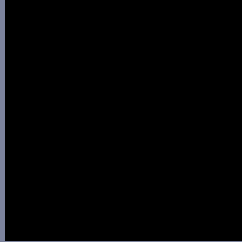
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

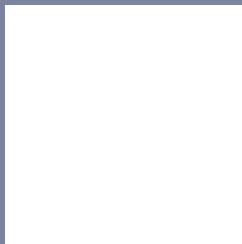
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4292, 22.9180, 34.6940

Background



This preview shows how black text looks on a background with the XYZ color 22.4292, 22.9180, 34.6940.



This preview shows how white text looks on a background with the XYZ color 22.4292, 22.9180,

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

22.4292, 22.9180, 34.6940

Protanopia

22.5876, 22.8012, 34.6631

Deuteranopia

23.3207, 22.7782, 35.0658



Tritanopia

21.4476, 22.9262, 29.6804

Trichromacy



Original Color

22.4292, 22.9180, 34.6940

Protanomaly

22.4408, 22.7255, 34.6562

Deuteranomaly

22.9893, 22.8020, 35.0878

Tritanomaly

21.7649, 22.8516, 31.2806

Monochromacy



Original Color

22.4292, 22.9180, 34.6940

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1122, 23.0927, 28.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4292, 22.9180, 34.6940 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(124, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 156)  
}
```

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(124, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 156) }
```

Border

The CSS property to change the border of an element to XYZ 22.4292, 22.9180, 34.6940 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(124, 131, 156) }
```


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

```
.border{ border-color:rgb(124, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4292, 22.9180, 34.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 156) }
```

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

```
.background{ background-color: rgb(124,  
131, 156) }
```

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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