

Converting Colors

XYZ(22.2430, 21.9338, 30.6651)

Have a look what the booklet for
XYZ(22.2430, 21.9338, 30.6651)
contains.

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Color

**XYZ(22.2430, 21.9338,
30.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	847E93
RGB	132, 126, 147
RGB Percent	52%, 49%, 58%
CMY	0.4823, 0.5059, 0.4235
CMYK	0.10, 0.14, 0.00, 0.42
HSL	257°, 9%, 54%
HSV	257°, 14%, 58%
XYZ	22.2430, 21.9338, 30.6651
YIQ	130.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

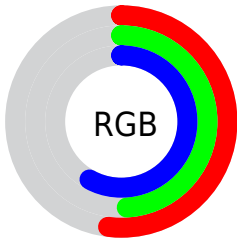
Format	Color
RYB	132, 126, 147
Decimal	8683155
CIELab	53.96, 6.58, -10.48
CIElCh	54, 12.378, 302.134
Yxy	21.9338, 0.2972, 0.2931
Android (android.graphics.Color)	4286873235 (0xFF847E93)
YUV	130.1880, 8.2883, 1.5891
Hunter-Lab	46.8335, 2.8176, -6.0377

Details

The XYZ color **22.2430, 21.9338, 30.6651** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1849, 28.0371, 23.8240**, and the grayscale version is **21.2575, 22.3646, 24.3550**.

A 20% lighter version of the original color is **46.6703, 46.7715, 61.8264**, and **8.2449, 7.9461, 12.1655** is the 20% darker color. If you saturate the color by 10%, you get **18.9395, 17.6429, 30.0113**, and if you desaturate by 10%, it is **25.9894, 26.8642, 31.4197**.

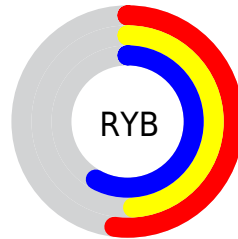
Distribution



Red (52%)

Green (49%)

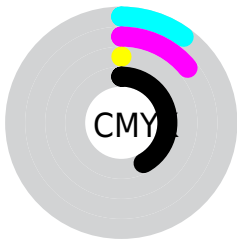
Blue (58%)



Red (52%)

Yellow (49%)

Blue (58%)

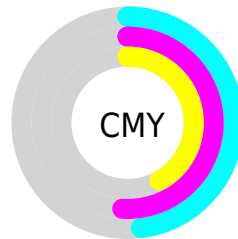


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (48%)

Magenta (51%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2430, 21.9338, 30.6651 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 22.2430, 21.9338, 30.6651 by changing the saturation by 10% instead.

■ 22.2430, 21.9338,
30.6651

■ 22.2430, 21.9338,
30.6651

256.4212,
262.2004, 319.2957

■ 14.1532, 13.8083,
20.0876

■ 46.6232, 46.6366,
61.7858

■ 8.3097, 7.9874,
12.2741

■ 63.6442, 63.9826,
83.1661

■ 4.3472, 4.0869,
6.8058

■ 84.3730, 85.1709,
108.9845

■ 1.9004, 1.7223,
3.2644

109.1750,
110.5858, 139.6594

■ 0.5771, 0.4380,
1.2311

138.4154,
140.6119, 175.6095

■ 0.0000, 0.0000,
0.0043

172.4597,

■ 0.0000, 0.0000,

175.6334, 217.2532

0.0000

211.6732,
216.0347, 265.0091

■ 22.2430, 21.9338,
30.6651

■ 22.2430, 21.9338,
30.6651

■ 18.9395, 17.6429,
30.0113

■ 25.9894, 26.8642,
31.4197

■ 16.0600, 13.9622,
29.4527

■ 30.1926, 32.4564,
32.2775

■ 13.5873, 10.8644,
28.9850

■ 34.8683, 38.7347,
33.2429

■ 11.5019, 8.3186,
28.6036

■ 40.0311, 45.7216,
34.3194

■ 9.7829, 6.2913,
28.3029

■ 45.6946, 53.4385,
35.5104

■ 8.4072, 4.7453,
28.0769

■ 51.8722, 61.9059,
36.8192

■ 7.3487, 3.6379,
27.9190

■ 58.5765, 71.1435,
38.2489

■ 6.5763, 2.9172,
27.8206

■ 65.8197, 81.1701,
39.8025

■ 6.2210, 2.5987,
27.7778

■ 72.5508, 89.8780,
41.1285

Harmonies

Analogous

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



20.9432, 21.9338, 32.0089



22.2430, 21.9338, 30.6651



23.2004, 21.9338, 27.4863

Triad

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



22.2430, 21.9338, 30.6651



22.0706, 21.9338, 17.9541



18.3857, 21.9338, 24.1570

Complementary

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



22.2430, 21.9338, 30.6651



25.1849, 28.0371, 23.8240

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.



18.6592, 21.9338, 20.6078



22.2430, 21.9338, 30.6651



20.7520, 21.9338, 17.2625

Square

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



22.2430, 21.9338, 30.6651



23.0979, 21.9338, 20.1809



19.5115, 21.9338, 18.1814



18.7481, 21.9338, 28.0104

Rectangle

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



22.2430, 21.9338, 30.6651



23.4954, 21.9338, 24.9026



19.5115, 21.9338, 18.1814



18.4063, 21.9338, 22.8900

Sweetspot

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



22.2437, 21.9347, 30.6656



46.6866, 48.2999, 56.2967



23.4036, 25.6074, 31.3133



10.5437, 10.8752, 12.8282



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.



22.2437, 21.9347, 30.6656



37.9383, 36.8062, 54.5393



23.9607, 22.8199, 30.7459



5.6459, 5.7084, 7.2740



5.4151, 2.2642, 24.0827



0.0924, 0.0412, 0.2960

Inverse Universe

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



24.3020, 23.0488, 28.3684



42.3415, 39.1908, 49.5688



23.4909, 27.1638, 23.7447



5.9654, 5.8812, 6.9239



12.6536, 6.2665, 12.1888



0.1676, 0.0818, 0.2162

Previews

White Background



This preview shows how the XYZ color 22.2430, 21.9338, 30.6651 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 22.2430, 21.9338, 30.6651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

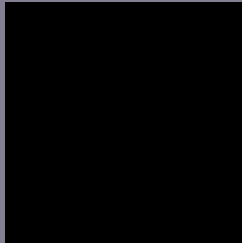
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2430, 21.9338, 30.6651

Background



This preview shows how black text looks on a background with the XYZ color 22.2430, 21.9338, 30.6651.



This preview shows how white text looks on a background with the XYZ color 22.2430, 21.9338,

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

22.2430, 21.9338, 30.6651

Protanopia

21.5219, 21.9364, 31.1168

Deuteranopia

22.4002, 22.0148, 30.6724



Tritanopia

21.5125, 22.0191, 27.1610

Trichromacy



Original Color

22.2430, 21.9338, 30.6651

Protanomaly

21.8368, 21.9061, 31.0943

Deuteranomaly

22.4002, 22.0148, 30.6724

Tritanomaly

21.7572, 21.9271, 28.2849

Monochromacy



Original Color

22.2430, 21.9338, 30.6651

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6543, 22.3034, 26.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2430, 21.9338, 30.6651 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(132, 126, 147)` looks like.

```
.text, #text, p{  
    color:rgb(132, 126, 147)  
}
```

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(132, 126, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 126, 147) }
```

Border

The CSS property to change the border of an element to XYZ 22.2430, 21.9338, 30.6651 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(132, 126, 147) }
```


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

```
.border{ border-color:rgb(132, 126, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 126, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 126, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 126, 147); box-shadow:4px 4px 4px 4px rgb(132, 126, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2430, 21.9338, 30.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 126, 147) }
```

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

```
.background{ background-color: rgb(132,  
126, 147) }
```

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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