

Converting Colors

XYZ(22.3060, 21.6648, 32.1490)

Have a look what the booklet for
XYZ(22.3060, 21.6648, 32.1490)
contains.

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Color

**XYZ(22.4352, 21.8071,
32.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	847D97
RGB	132, 125, 151
RGB Percent	52%, 49%, 59%
CMY	0.4823, 0.5098, 0.4078
CMYK	0.13, 0.17, 0.00, 0.41
HSL	256°, 11%, 54%
HSV	256°, 17%, 59%
XYZ	22.4352, 21.8071, 32.3049
YIQ	130.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

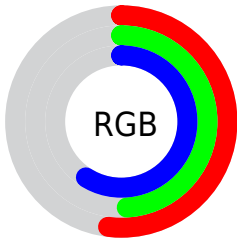
Format	Color
R_{YB}	132, 125, 151
Decimal	8682903
CIE _{Lab}	53.82, 8.05, -13.01
CIE _{LCh}	54, 15.300, 301.748
Yxy	21.8071, 0.2931, 0.2849
Android (android.graphics.Color)	4286872983 (0xFF847D97)
YUV	130.0570, 10.3249, 1.7040
Hunter-Lab	46.6981, 4.0353, -8.3271

Details

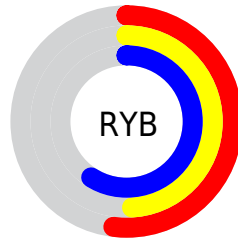
The XYZ color **22.4352, 21.8071, 32.3049** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.2707, 29.5438, 23.7210**, and the grayscale version is **21.2045, 22.3087, 24.2942**.

A 20% lighter version of the original color is **46.9474, 46.5629, 64.2707**, and **8.3644, 7.8828, 13.1373** is the 20% darker color. If you saturate the color by 10%, you get **19.0318, 17.4278, 31.6393**, and if you desaturate by 10%, it is **26.3132, 26.8636, 33.0769**.

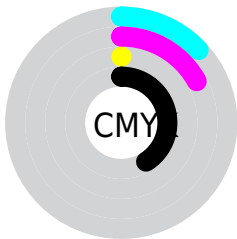
Distribution



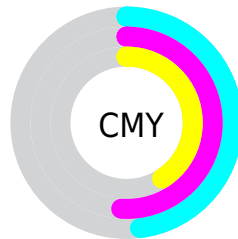
- Red (52%)
- Green (49%)
- Blue (59%)



- Red (52%)
- Yellow (49%)
- Blue (59%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4352, 21.8071, 32.3049 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 22.4352, 21.8071, 32.3049 by changing the saturation by 10% instead.

■ 22.4352, 21.8071,
32.3049

■ 22.4352, 21.8071,
32.3049

257.4005,
261.5372, 327.0413

■ 14.2954, 13.7152,
21.3277

■ 46.9378, 46.4270,
64.3922

■ 8.4095, 7.9229,
13.1702

■ 64.0312, 63.7238,
86.3395

■ 4.4121, 4.0456,
7.4138

■ 84.8400, 84.8576,
112.7805

■ 1.9378, 1.6991,
3.6398

109.7294,
110.2130, 144.1339

■ 0.5987, 0.4231,
1.4299

139.0648,
140.1743, 180.8181

■ 0.0000, 0.0000,
0.1649

173.2116,

■ 0.0000, 0.0000,

175.1258, 223.2517

0.0000

212.5350,
215.4520, 271.8532

■ 22.4352, 21.8071,
32.3049

■ 22.4352, 21.8071,
32.3049

■ 19.0318, 17.4278,
31.6393

■ 26.3132, 26.8636,
33.0769

■ 16.0822, 13.6939,
31.0741

■ 30.6813, 32.6219,
33.9581

■ 13.5670, 10.5750,
30.6046

■ 35.5570, 39.1086,
34.9532

■ 11.4647, 8.0374,
30.2256

■ 40.9563, 46.3481,
36.0660

■ 9.7518, 6.0438,
29.9311

■ 46.8943, 54.3639,
37.3002

■ 8.4021, 4.5525,
29.7144

■ 53.3855, 63.1781,
38.6594

■ 7.3860, 3.5157,
29.5678

■ 60.4441, 72.8122,
40.1469

■ 6.6582, 2.8549,
29.4786

■ 68.0836, 83.2867,
41.7661

■ 6.4864, 2.6986,
29.4575

■ 74.4045, 90.7967,
42.8825

Harmonies

Analogous

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



20.8235, 21.8071, 33.9915



22.4352, 21.8071, 32.3049



23.6381, 21.8071, 28.2926

Triad

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



22.4352, 21.8071, 32.3049



22.2596, 21.8071, 16.6290



17.7252, 21.8071, 24.0214

Complementary

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



22.4352, 21.8071, 32.3049



26.2707, 29.5438, 23.7210

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.



18.0653, 21.8071, 19.7114



22.4352, 21.8071, 32.3049



20.6307, 21.8071, 15.7961

Square

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



22.4352, 21.8071, 32.3049



23.5330, 21.8071, 19.2921



19.1078, 21.8071, 16.8477



18.1534, 21.8071, 28.8335

Rectangle

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



22.4352, 21.8071, 32.3049



24.0154, 21.8071, 25.0675



19.1078, 21.8071, 16.8477



17.7533, 21.8071, 22.4683

Sweetspot

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



22.4359, 21.8080, 32.3054



48.7048, 50.1853, 59.5534



24.0274, 26.5617, 33.1391



10.9592, 11.2609, 13.5135



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.4359, 21.8080, 32.3054



37.5156, 35.6133, 57.3304



24.5855, 22.9162, 32.4060



6.0327, 6.1028, 7.7890



5.5423, 2.3082, 25.0611



0.1140, 0.0506, 0.3761

Inverse Universe

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



25.1309, 23.2611, 29.5520



43.3803, 38.7776, 51.2363



24.1394, 28.4451, 23.6212



6.3902, 6.2952, 7.4350



13.2804, 6.5664, 13.2677



0.2134, 0.1041, 0.2764

Previews

White Background



This preview shows how the XYZ color 22.4352, 21.8071, 32.3049 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 22.4352, 21.8071, 32.3049 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 22.4352, 21.8071, 32.3049

Background



This preview shows how black text looks on a background with the XYZ color 22.4352, 21.8071, 32.3049.



This preview shows how white text looks on a background with the XYZ color 22.4352, 21.8071,

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

22.4352, 21.8071, 32.3049

Protanopia

21.6373, 21.9492, 33.2332

Deuteranopia

22.2527, 21.9019, 32.3328



Tritanopia

21.3106, 21.7307, 26.7382

Trichromacy



Original Color

22.4352, 21.8071, 32.3049

Protanomaly

21.8611, 21.8814, 32.7771

Deuteranomaly

22.4068, 21.9814, 32.3400

Tritanomaly

21.7034, 21.7000, 28.6358

Monochromacy



Original Color

22.4352, 21.8071, 32.3049

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6667, 22.0986, 27.1683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4352, 21.8071, 32.3049 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, 125, 151)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 151)  
}
```

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, 125, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 151) }
```

Border

The CSS property to change the border of an element to XYZ 22.4352, 21.8071, 32.3049 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, 125, 151) }
```


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

```
.border{ border-color:rgb(132, 125, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 151);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4352, 21.8071, 32.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 151) }
```

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

```
.background{ background-color: rgb(132,  
125, 151) }
```

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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