

Converting Colors

XYZ(22.4874, 22.9268, 35.9490)

Have a look what the booklet for
XYZ(22.4874, 22.9268, 35.9490)
contains.

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Color

**XYZ(22.5427, 22.9468,
36.0419)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7B839F |
| RGB | 123, 131, 159 |
| RGB Percent | 48%, 51%, 62% |
| CMY | 0.5176, 0.4863, 0.3765 |
| CMYK | 0.23, 0.18, 0.00, 0.38 |
| HSL | 227°, 16%, 55% |
| HSV | 227°, 23%, 62% |
| XYZ | 22.5427, 22.9468, 36.0419 |
| YIQ | 131.8000, -13.7560, 7.0120 |

Conversions

Conversions Part 2

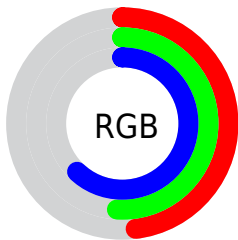
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 130, 159 |
| Decimal | 8094623 |
| CIE Lab | 55.02, 3.39, -15.91 |
| CIE LCh | 55, 16.263, 282.028 |
| Yxy | 22.9468, 0.2765, 0.2814 |
| Android (android.graphics.Color) | 4286284703 (0xFF7B839F) |
| YUV | 131.8000, 13.4096, -7.7176 |
| Hunter-Lab | 47.9028, 0.1708, -11.0776 |

Details

The XYZ color **22.5427, 22.9468, 36.0419** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.9400, 30.9342, 23.1851**, and the grayscale version is **21.8175, 22.9537, 24.9966**.

A 20% lighter version of the original color is **47.1826, 48.3661, 70.4671**, and **8.4717, 8.5338, 15.3880** is the 20% darker color. If you saturate the color by 10%, you get **18.8874, 18.7427, 35.4235**, and if you desaturate by 10%, it is **26.7671, 27.7397, 36.7447**.

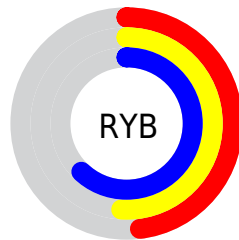
Distribution



Red (48%)

Green (51%)

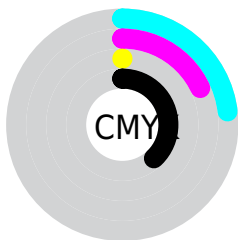
Blue (62%)



Red (48%)

Yellow (51%)

Blue (62%)

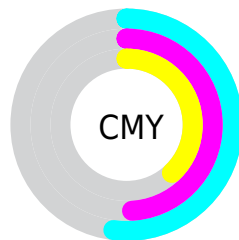


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5427, 22.9468, 36.0419 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 22.5427, 22.9468, 36.0419 by changing the saturation by 10% instead.

■ 22.5427, 22.9468,
36.0419

■ 22.5427, 22.9468,
36.0419

257.9469,
267.4516, 344.1866

■ 14.3750, 14.5542,
24.1766

■ 47.1135, 48.3060,
70.2665

■ 8.4654, 8.5071,
15.2513

■ 64.2474, 66.0413,
93.4629

■ 4.4485, 4.4211,
8.8473

■ 85.1008, 87.6598,
121.2734

■ 1.9588, 1.9118,
4.5463

110.0390,
113.5457, 154.1166

■ 0.6107, 0.5555,
1.9296

139.4273,
144.0834, 192.4109

■ 0.0000, 0.0000,
0.5115

173.6312,

■ 0.0000, 0.0000,

179.6574, 236.5750

0.0000

213.0159,
220.6520, 287.0274

■ 22.5427, 22.9468,
36.0419

■ 22.5427, 22.9468,
36.0419

■ 18.8874, 18.7427,
35.4235

■ 26.7671, 27.7397,
36.7447

■ 15.7744, 15.1016,
34.8847

■ 31.5817, 33.1404,
37.5334

■ 13.1776, 11.9998,
34.4229

■ 37.0092, 39.1704,
38.4113

■ 11.0682, 9.4106,
34.0343

■ 43.0701, 45.8495,
39.3810

■ 9.4142, 7.3052,
33.7151

■ 49.7845, 53.1963,
40.4452

■ 8.1797, 5.6517,
33.4610

■ 57.1711, 61.2289,
41.6064

■ 7.3227, 4.4136,
33.2672

■ 65.2480, 69.9647,
42.8668

■ 6.8692, 3.7254,
33.1583

■ 74.0328, 79.4203,
44.2289

■ 79.3389, 87.4449,
45.4982

Harmonies

Analogous

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



20.7551, 22.9468, 35.7018



22.5427, 22.9468, 36.0419



24.2213, 22.9468, 33.1340

Triad

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



22.5427, 22.9468, 36.0419



24.4957, 22.9468, 18.8951



18.6679, 22.9468, 22.0375

Complementary

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



22.5427, 22.9468, 36.0419



28.9400, 30.9342, 23.1851

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.



19.5647, 22.9468, 18.2956



22.5427, 22.9468, 36.0419



22.9005, 22.9468, 16.6613

Square

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



22.5427, 22.9468, 36.0419



25.3899, 22.9468, 22.9674



21.0938, 22.9468, 16.4582



18.5839, 22.9468, 27.1178

Rectangle

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



22.5427, 22.9468, 36.0419



25.0267, 22.9468, 29.9517



21.0938, 22.9468, 16.4582



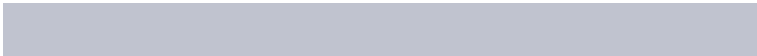
18.8819, 22.9468, 20.6004

Sweetspot

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



22.5434, 22.9477, 36.0424



52.5525, 54.8685, 66.5643



26.1205, 31.2290, 33.7597



11.7421, 12.2514, 14.9895



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.5434, 22.9477, 36.0424



37.0581, 37.2986, 63.9896



22.9513, 21.6238, 35.7654



6.3984, 6.6625, 8.3554



5.4523, 2.9961, 26.1982



0.1253, 0.1092, 0.4777

Inverse Universe

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



25.4783, 23.1761, 24.6044



43.2648, 37.9143, 39.7713



28.4413, 32.6540, 23.5433



6.6904, 6.6691, 7.2209



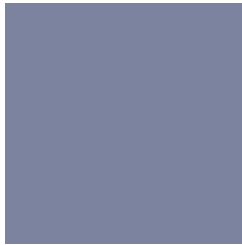
11.5503, 5.9247, 1.8828



0.2206, 0.1115, 0.1076

Previews

White Background



This preview shows how the XYZ color 22.5427, 22.9468, 36.0419 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 22.5427, 22.9468, 36.0419 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

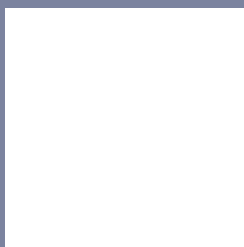
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5427, 22.9468, 36.0419

Background



This preview shows how black text looks on a background with the XYZ color 22.5427, 22.9468, 36.0419.



This preview shows how white text looks on a background with the XYZ color 22.5427, 22.9468,

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

22.5427, 22.9468, 36.0419

Protanopia

22.6981, 22.8284, 36.0109

Deuteranopia

23.3142, 22.9495, 36.0018



Tritanopia

21.3049, 23.0569, 29.7131

Trichromacy



Original Color

22.5427, 22.9468, 36.0419

Protanomaly

22.5528, 22.7536, 36.0041

Deuteranomaly

22.9930, 22.9805, 36.0247

Tritanomaly

21.6975, 23.0099, 31.7315

Monochromacy



Original Color

22.5427, 22.9468, 36.0419

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1870, 23.1226, 28.8849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5427, 22.9468, 36.0419 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(123, 131, 159)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 159)  
}
```

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(123, 131, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 159) }
```

Border

The CSS property to change the border of an element to XYZ 22.5427, 22.9468, 36.0419 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(123, 131, 159) }
```


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

```
.border{ border-color:rgb(123, 131, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 159);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5427, 22.9468, 36.0419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 159) }
```

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

```
.background{ background-color: rgb(123,  
131, 159) }
```

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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