

Converting Colors

XYZ(22.8916, 22.8560, 39.2815)

Have a look what the booklet for
XYZ(22.8916, 22.8560, 39.2815)
contains.

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Color

**XYZ(22.8916, 22.8560,
39.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	7A82A6
RGB	122, 130, 166
RGB Percent	48%, 51%, 65%
CMY	0.5216, 0.4902, 0.3490
CMYK	0.27, 0.22, 0.00, 0.35
HSL	229°, 20%, 56%
HSV	229°, 27%, 65%
XYZ	22.8916, 22.8560, 39.2815
YIQ	131.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

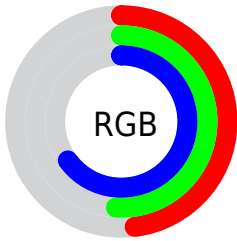
Format	Color
R_{YB}	122, 129, 166
Decimal	8028838
CIE _{Lab}	54.92, 5.38, -20.09
CIE _{LCh}	55, 20.803, 284.994
Yxy	22.8560, 0.2692, 0.2688
Android (android.graphics.Color)	4286218918 (0xFF7A82A6)
YUV	131.7120, 16.9040, -8.5174
Hunter-Lab	47.8079, 1.8062, -15.2502

Details

The XYZ color **22.8916, 22.8560, 39.2815** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.4659, 33.9661, 23.3107**, and the grayscale version is **21.7744, 22.9084, 24.9472**.

A 20% lighter version of the original color is **47.6638, 48.2014, 75.1983**, and **8.6522, 8.4775, 17.0999** is the 20% darker color. If you saturate the color by 10%, you get **19.0501, 18.3690, 38.6183**, and if you desaturate by 10%, it is **27.3746, 28.0288, 40.0441**.

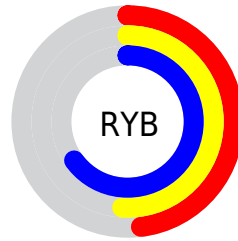
Distribution



Red (48%)

Green (51%)

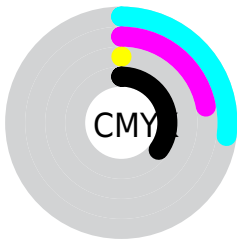
Blue (65%)



Red (48%)

Yellow (51%)

Blue (65%)

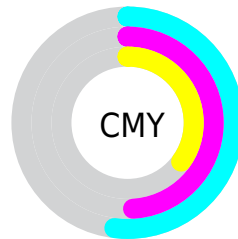


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8916, 22.8560, 39.2815 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 22.8916, 22.8560, 39.2815 by changing the saturation by 10% instead.

■ 22.8916, 22.8560,
39.2815

■ 22.8916, 22.8560,
39.2815

259.7135,
266.9845, 358.5475

■ 14.6337, 14.4872,
26.6693

■ 47.6832, 48.1568,
75.2932

■ 8.6474, 8.4603,
17.0948

■ 64.9477, 65.8575,
99.5298

■ 4.5672, 4.3909,
10.1394

■ 85.9451, 87.4378,
128.4783

■ 2.0277, 1.8945,
5.3847

111.0408,
113.2819, 162.5571

■ 0.6495, 0.5451,
2.4120

140.6002,
143.7742, 202.1849

■ 0.0000, 0.0000,
0.7930

174.9885,

■ 0.0000, 0.0000,

179.2991, 247.7802

0.0000

214.5711,
220.2411, 299.7616

■ 22.8916, 22.8560,
39.2815

■ 22.8916, 22.8560,
39.2815

■ 19.0501, 18.3690,
38.6183

■ 27.3746, 28.0288,
40.0441

■ 15.8182, 14.5359,
38.0488

■ 32.5245, 33.9119,
40.9082

■ 13.1645, 11.3265,
37.5691

■ 38.3682, 40.5320,
41.8780

■ 11.0539, 8.7069,
37.1748

■ 44.9302, 47.9136,
42.9569

■ 9.4476, 6.6401,
36.8605

■ 52.2342, 56.0800,
44.1482

■ 8.3009, 5.0845,
36.6207

■ 60.3023, 65.0536,
45.4551

■ 7.5546, 3.9887,
36.4485

■ 69.1561, 74.8558,
46.8804

■ 7.3520, 3.6911,
36.4017

■ 78.8162, 85.5072,
48.4272

■ 83.0079, 93.7829,
49.8037

Harmonies

Analogous

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



20.5958, 22.8560, 39.2805



22.8916, 22.8560, 39.2815



25.0128, 22.8560, 34.9923

Triad

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



22.8916, 22.8560, 39.2815



25.0136, 22.8560, 16.9431



17.7157, 22.8560, 21.7404

Complementary

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



22.8916, 22.8560, 39.2815



31.4659, 33.9661, 23.3107

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.



18.7368, 22.8560, 16.9415



22.8916, 22.8560, 39.2815



22.8926, 22.8560, 14.5238

Square

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



22.8916, 22.8560, 39.2815



26.2956, 22.8560, 21.7429



20.5967, 22.8560, 14.5233



17.7155, 22.8560, 28.3189

Rectangle

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



22.8916, 22.8560, 39.2815



25.9960, 22.8560, 30.6507



20.5967, 22.8560, 14.5233



17.9476, 22.8560, 19.8941

Sweetspot

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



22.8923, 22.8569, 39.2820



57.4069, 59.7008, 73.9730



27.8286, 33.8768, 37.3903



12.5292, 12.9982, 16.5007



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.8923, 22.8569, 39.2820



37.1657, 36.3783, 70.5381



23.9856, 21.9016, 39.0400



7.2381, 7.5131, 9.4870



5.7269, 2.9139, 28.2361



0.1701, 0.1325, 0.6972

Inverse Universe

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



26.7153, 23.6384, 24.2747



45.3808, 38.2405, 38.2480



30.1109, 35.3599, 23.6512



7.5848, 7.5638, 8.1306



12.3913, 6.3652, 1.6060



0.3170, 0.1611, 0.1209

Previews

White Background



This preview shows how the XYZ color 22.8916, 22.8560, 39.2815 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 22.8916, 22.8560, 39.2815 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

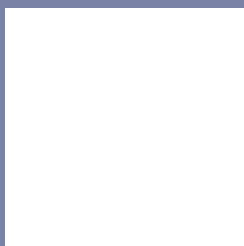
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8916, 22.8560, 39.2815

Background



This preview shows how black text looks on a background with the XYZ color 22.8916, 22.8560, 39.2815.



This preview shows how white text looks on a background with the XYZ color 22.8916, 22.8560,

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

22.8916, 22.8560, 39.2815

Protanopia

22.8916, 22.8560, 39.2815

Deuteranopia

23.3374, 22.8893, 39.2645



Tritanopia

21.1071, 22.9461, 30.1046

Trichromacy



Original Color

22.8916, 22.8560, 39.2815

Protanomaly

22.8916, 22.8560, 39.2815

Deuteranomaly

23.1906, 22.8137, 39.2576

Tritanomaly

21.7450, 22.9969, 33.4298

Monochromacy



Original Color

22.8916, 22.8560, 39.2815

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0524, 22.8354, 29.6309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8916, 22.8560, 39.2815 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(122, 130, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 130, 166)  
}
```

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(122, 130, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 130, 166) }
```

Border

The CSS property to change the border of an element to XYZ 22.8916, 22.8560, 39.2815 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(122, 130, 166) }
```


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

```
.border{ border-color:rgb(122, 130, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 130, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 130, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 130, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 130,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8916, 22.8560, 39.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 130, 166) }
```

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

```
.background{ background-color: rgb(122,  
130, 166) }
```

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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