

Converting Colors

XYZ(22.8925, 23.9796, 34.4323)

Have a look what the booklet for
XYZ(22.8925, 23.9796, 34.4323)
contains.

XYZ(22.8925, 23.9796, 34.4323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.8925, 23.9796,
34.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	7C879B
RGB	124, 135, 155
RGB Percent	49%, 53%, 61%
CMY	0.5137, 0.4706, 0.3922
CMYK	0.20, 0.13, 0.00, 0.39
HSL	219°, 13%, 55%
HSV	219°, 20%, 61%
XYZ	22.8925, 23.9796, 34.4323
YIQ	133.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

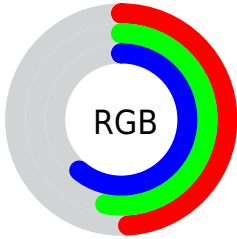
Format	Color
RYB	124, 132, 155
Decimal	8161179
CIELab	56.07, 0.46, -12.00
CIElCh	56, 12.014, 272.177
Yxy	23.9796, 0.2816, 0.2949
Android (android.graphics.Color)	4286351259 (0xFF7C879B)
YUV	133.9910, 10.3574, -8.7621
Hunter-Lab	48.9690, -2.2487, -7.4112

Details

The XYZ color **22.8925, 23.9796, 34.4323** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1290, 28.3701, 23.1153**, and the grayscale version is **22.6238, 23.8020, 25.9204**.

A 20% lighter version of the original color is **47.6233, 49.9170, 67.4465**, and **8.6488, 8.9923, 14.3766** is the 20% darker color. If you saturate the color by 10%, you get **19.4961, 20.2545, 33.8927**, and if you desaturate by 10%, it is **26.7736, 28.1503, 35.0332**.

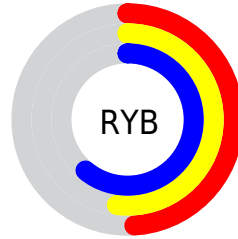
Distribution



Red (49%)

Green (53%)

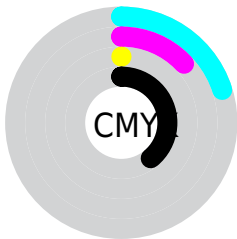
Blue (61%)



Red (49%)

Yellow (52%)

Blue (61%)

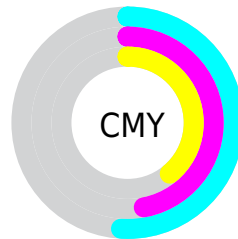


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (47%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8925, 23.9796, 34.4323 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 22.8925, 23.9796, 34.4323 by changing the saturation by 10% instead.

■ 22.8925, 23.9796,
34.4323

■ 22.8925, 23.9796,
34.4323

259.7180,
272.7173, 336.8832

■ 14.6344, 15.3185,
22.9459

■ 47.6847, 49.9969,
67.7469

■ 8.6478, 9.0432,
14.3486

■ 64.9495, 68.1219,
90.4122

■ 4.5675, 4.7694,
8.2220

■ 85.9473, 90.1703,
117.6408

■ 2.0279, 2.1126,
4.1475

111.0434,
116.5265, 149.8513

■ 0.6496, 0.6717,
1.7066

140.6032,
147.5749, 187.4623

■ 0.0000, 0.0000,
0.3653

174.9920,

■ 0.0000, 0.0000,

183.6999, 230.8922

0.0000

214.5751,
225.2859, 280.5597

■ 22.8925, 23.9796,
34.4323

■ 22.8925, 23.9796,
34.4323

■ 19.4961, 20.2545,
33.8927

■ 26.7736, 28.1503,
35.0332

■ 16.5621, 16.9564,
33.4107

■ 31.1558, 32.7784,
35.6955

■ 14.0698, 14.0697,
32.9849

■ 36.0578, 37.8790,
36.4217

■ 11.9960, 11.5764,
32.6129

■ 41.4964, 43.4656,
37.2133

■ 10.3150, 9.4574,
32.2925

■ 47.4876, 49.5510,
38.0722

■ 8.9982, 7.6913,
32.0210

■ 54.0468, 56.1476,
38.9997

■ 8.0126, 6.2541,
31.7956

■ 61.1888, 63.2674,
39.9976

■ 7.2832, 5.1000,
31.6113

■ 68.9278, 70.9219,
41.0671

■ 7.2832, 5.1000,
31.6113

■ 74.0802, 77.4740,
42.0603

Harmonies

Analogous

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



21.5798, 23.9796, 33.3966



22.8925, 23.9796, 34.4323



24.2293, 23.9796, 33.0587

Triad

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



22.8925, 23.9796, 34.4323



25.1042, 23.9796, 22.2807



20.5323, 23.9796, 22.7321

Complementary

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



22.8925, 23.9796, 34.4323



27.1290, 28.3701, 23.1153

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.



21.4125, 23.9796, 20.2099



22.8925, 23.9796, 34.4323



24.0485, 23.9796, 19.9683

Square

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



22.8925, 23.9796, 34.4323



25.5378, 23.9796, 25.8230



22.6916, 23.9796, 19.2495



20.2502, 23.9796, 26.3985

Rectangle

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



22.8925, 23.9796, 34.4323



24.9452, 23.9796, 31.0346



22.6916, 23.9796, 19.2495



20.7662, 23.9796, 21.7355

Sweetspot

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



22.8932, 23.9806, 34.4328



50.8867, 53.5327, 63.1871



25.0400, 29.7306, 30.6581



11.4143, 12.0071, 14.2864



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.



22.8932, 23.9806, 34.4328



38.1755, 39.8679, 61.2195



22.0466, 21.3818, 33.9759



6.0549, 6.3672, 7.8388



5.8831, 4.1629, 25.4011



0.1202, 0.1266, 0.3905

Inverse Universe

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



25.0989, 23.1336, 26.0652



42.8969, 38.2080, 43.2737



28.0976, 31.4649, 23.6616



6.2948, 6.2571, 6.9327



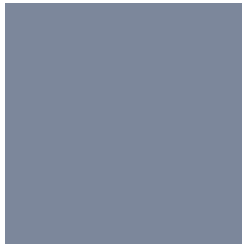
11.4283, 5.8255, 3.5144



0.1871, 0.0936, 0.1381

Previews

White Background



This preview shows how the XYZ color 22.8925, 23.9796, 34.4323 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 22.8925, 23.9796, 34.4323 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 22.8925, 23.9796, 34.4323

Background



This preview shows how black text looks on a background with the XYZ color 22.8925, 23.9796, 34.4323.



This preview shows how white text looks on a background with the XYZ color 22.8925, 23.9796,

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

22.8925, 23.9796, 34.4323

Protanopia

23.5803, 23.9334, 33.9486

Deuteranopia

24.4336, 23.9513, 34.7878



Tritanopia

22.2390, 23.9259, 31.0498

Trichromacy



Original Color

22.8925, 23.9796, 34.4323

Protanomaly

23.2599, 23.9725, 33.9731

Deuteranomaly

23.7677, 23.8084, 34.7953

Tritanomaly

22.4776, 24.0213, 32.3060

Monochromacy



Original Color

22.8925, 23.9796, 34.4323

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6135, 23.7490, 28.9833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8925, 23.9796, 34.4323 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, 135, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 135, 155)  
}
```

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, 135, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 135, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.8925, 23.9796, 34.4323 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, 135, 155) }
```


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

```
.border{ border-color:rgb(124, 135, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 135, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 135, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 135, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 135,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8925, 23.9796, 34.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 135, 155) }
```

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

```
.background{ background-color: rgb(124,  
135, 155) }
```

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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