

Converting Colors

XYZ(23.8983, 21.2026, 35.5598)

Have a look what the booklet for
XYZ(23.8983, 21.2026, 35.5598)
contains.

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Color

**XYZ(23.8918, 21.2109,
35.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	8E769F
RGB	142, 118, 159
RGB Percent	56%, 46%, 62%
CMY	0.4431, 0.5372, 0.3765
CMYK	0.11, 0.26, 0.00, 0.38
HSL	275°, 18%, 54%
HSV	275°, 26%, 62%
XYZ	23.8918, 21.2109, 35.6358
YIQ	129.8500, 1.1430, 17.8390

Conversions

Conversions Part 2

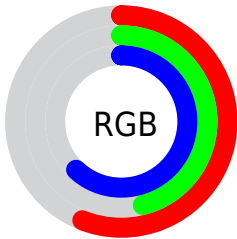
Format	Color
R_{YB}	142, 118, 159
Decimal	9336479
CIE _{Lab}	53.18, 17.37, -18.55
CIE _{LCh}	53, 25.413, 313.107
Yxy	21.2109, 0.2959, 0.2627
Android (android.graphics.Color)	4287526559 (0xFF8E769F)
YUV	129.8500, 14.3710, 10.6556
Hunter-Lab	46.0553, 12.0025, -13.6376

Details

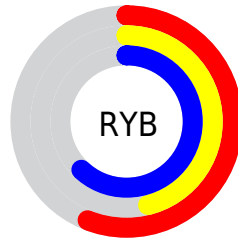
The XYZ color **23.8918, 21.2109, 35.6358** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.6606, 31.2558, 21.8211**, and the grayscale version is **21.1163, 22.2160, 24.1932**.

A 20% lighter version of the original color is **49.2773, 45.3403, 69.7727**, and **9.0963, 7.5419, 14.8862** is the 20% darker color. If you saturate the color by 10%, you get **21.0771, 17.2111, 35.0124**, and if you desaturate by 10%, it is **27.0904, 25.8782, 36.3684**.

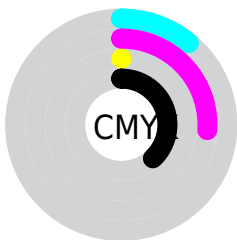
Distribution



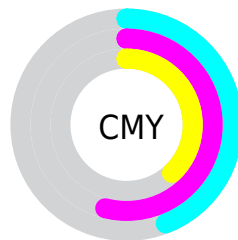
- Red (56%)
- Green (46%)
- Blue (62%)



- Red (56%)
- Yellow (46%)
- Blue (62%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8918, 21.2109, 35.6358 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 23.8918, 21.2109, 35.6358 by changing the saturation by 10% instead.

■ 23.8918, 21.2109,
35.6358

■ 23.8918, 21.2109,
35.6358

264.7236,
258.3972, 342.3550

■ 15.3777, 13.2783,
23.8656

■ 49.3095, 45.4383,
69.6323

■ 9.1729, 7.6204,
15.0227

■ 66.9439, 62.5018,
92.6956

■ 4.9122, 3.8530,
8.6885

■ 88.3490, 83.3777,
120.3604

■ 2.2300, 1.5917,
4.4445

113.8902,
108.4504, 153.0452

■ 0.7585, 0.3520,
1.8722

143.9329,
138.1043, 191.1685

■ 0.0000, 0.0000,
0.4750

178.8425,

■ 0.0000, 0.0000,

172.7238, 235.1489

0.0000

218.9843,
212.6933, 285.4049

■ 23.8918, 21.2109,
35.6358

■ 23.8918, 21.2109,
35.6358

■ 21.0771, 17.2111,
35.0124

■ 27.0904, 25.8782,
36.3684

■ 18.6274, 13.8440,
34.4916

■ 30.6866, 31.2404,
37.2139

■ 16.5249, 11.0754,
34.0681

■ 34.6961, 37.3264,
38.1773

■ 14.7494, 8.8669,
33.7354

■ 39.1329, 44.1628,
39.2630

■ 13.2786, 7.1754,
33.4864

■ 44.0104, 51.7749,
40.4752

■ 12.0866, 5.9512,
33.3129

■ 49.3414, 60.1866,
41.8179

■ 11.1391, 5.1275,
33.2039

■ 55.1380, 69.4208,
43.2947

■ 10.7796, 4.8341,
33.1662

■ 61.4120, 79.4996,
44.9095

■ 66.1963, 86.4876,
46.0061

Harmonies

Analogous

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



21.3519, 21.2109, 40.6622



23.8918, 21.2109, 35.6358



25.5055, 21.2109, 27.6557

Triad

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



23.8918, 21.2109, 35.6358



21.6955, 21.2109, 11.6540



15.5453, 21.2109, 26.6070

Complementary

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



23.8918, 21.2109, 35.6358



25.6606, 31.2558, 21.8211

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.



15.6196, 21.2109, 19.0656



23.8918, 21.2109, 35.6358



19.0139, 21.2109, 11.4948

Square

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



23.8918, 21.2109, 35.6358



24.1625, 21.2109, 14.4048



16.8391, 21.2109, 13.9072



16.6265, 21.2109, 34.7229

Rectangle

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



23.8918, 21.2109, 35.6358



25.7576, 21.2109, 22.3042



16.8391, 21.2109, 13.9072



15.4390, 21.2109, 23.9044

Sweetspot

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



23.8925, 21.2118, 35.6363



53.3656, 53.5591, 66.2687



22.4057, 23.7069, 36.1962



11.8172, 11.7546, 14.8897



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.



23.8925, 21.2118, 35.6363



39.7804, 33.6873, 63.1491



26.7427, 22.7149, 34.2432



6.6380, 6.6174, 8.3341



8.5622, 3.8430, 26.1977



0.2005, 0.0931, 0.4706

Inverse Universe

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



25.1504, 22.0780, 25.8586



42.5250, 35.5688, 42.1945



23.3469, 30.0391, 22.7920



6.7414, 6.6895, 7.4894



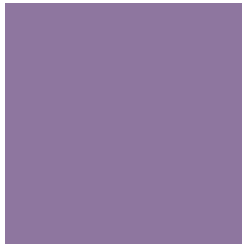
12.0880, 6.1398, 4.7145



0.2367, 0.1180, 0.1925

Previews

White Background



This preview shows how the XYZ color 23.8918, 21.2109, 35.6358 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 23.8918, 21.2109, 35.6358 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 23.8918, 21.2109, 35.6358

Background



This preview shows how black text looks on a background with the XYZ color 23.8918, 21.2109, 35.6358.



This preview shows how white text looks on a background with the XYZ color 23.8918, 21.2109,

35.6358.

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

23.8918, 21.2109, 35.6358

Protanopia

21.5885, 21.4202, 38.5940

Deuteranopia

21.8174, 21.4209, 35.3325



Tritanopia

21.7978, 21.2626, 25.1455

Trichromacy



Original Color

23.8918, 21.2109, 35.6358

Protanomaly

22.2980, 21.2459, 37.5760

Deuteranomaly

22.4912, 21.2130, 35.2569

Tritanomaly

22.3673, 21.1167, 28.4882

Monochromacy



Original Color

23.8918, 21.2109, 35.6358

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1001, 21.9131, 28.2642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8918, 21.2109, 35.6358 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(142, 118, 159)` looks like.

```
.text, #text, p{  
    color:rgb(142, 118, 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(142, 118, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 118, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.8918, 21.2109, 35.6358 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(142, 118, 159) }
```


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

```
.border{ border-color:rgb(142, 118, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 118, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 118, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 118, 159);  
box-shadow:4px 4px 4px 4px rgb(142, 118,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8918, 21.2109, 35.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 118, 159) }
```

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

```
.background{ background-color: rgb(142,  
118, 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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