

Converting Colors

XYZ(23.0284, 21.4239, 27.1928)

Have a look what the booklet for
XYZ(23.0284, 21.4239, 27.1928)
contains.

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Color

**XYZ(23.1746, 21.5586,
27.3659)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 91798B |
| RGB | 145, 121, 139 |
| RGB Percent | 57%, 47%, 55% |
| CMY | 0.4314, 0.5255, 0.4549 |
| CMYK | 0.00, 0.17, 0.04, 0.43 |
| HSL | 315°, 10%, 52% |
| HSV | 315°, 17%, 57% |
| XYZ | 23.1746, 21.5586, 27.3659 |
| YIQ | 130.2280, 8.5260, 10.6860 |

Conversions

Conversions Part 2

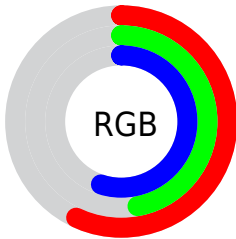
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 145, 121, 139 |
| Decimal | 9533835 |
| CIE Lab | 53.56, 12.56, -6.29 |
| CIE LCh | 54, 14.044, 333.383 |
| Yxy | 21.5586, 0.3214, 0.2990 |
| Android (android.graphics.Color) | 4287723915 (0xFF91798B) |
| YUV | 130.2280, 4.3246, 12.9550 |
| Hunter-Lab | 46.4312, 7.8376, -2.4428 |

Details

The XYZ color **23.1746, 21.5586, 27.3659** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.8421, 25.8486, 23.9179**, and the grayscale version is **21.2824, 22.3907, 24.3835**.

A 20% lighter version of the original color is **48.0112, 45.8350, 56.1858**, and **8.7366, 7.7357, 10.4839** is the 20% darker color. If you saturate the color by 10%, you get **21.2829, 18.1918, 25.4502**, and if you desaturate by 10%, it is **25.3412, 25.4605, 29.4171**.

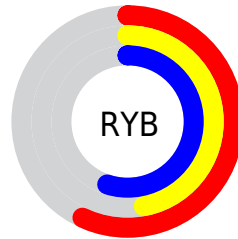
Distribution



Red (57%)

Green (47%)

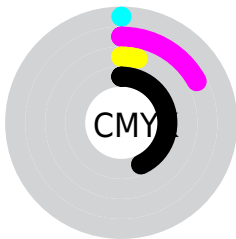
Blue (55%)



Red (57%)

Yellow (47%)

Blue (55%)

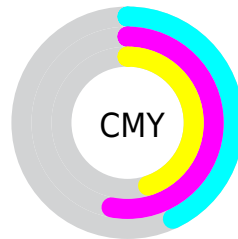


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1746, 21.5586, 27.3659 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 23.1746, 21.5586, 27.3659 by changing the saturation by 10% instead.

■ 23.1746, 21.5586,
27.3659

■ 23.1746, 21.5586,
27.3659

261.1391,
260.2324, 303.2404

■ 14.8439, 13.5329,
17.6134

■ 48.1444, 46.0154,
56.4813

■ 8.7955, 7.7965,
10.5062

■ 65.5142, 63.2153,
76.6813

■ 4.6641, 3.9650,
5.6259

■ 86.6278, 84.2420,
101.2008

■ 2.0843, 1.6540,
2.5539

111.8504,
109.4800, 130.4584

■ 0.6806, 0.3936,
0.8685

141.5475,
139.3136, 164.8726

■ 0.0000, 0.0000,
0.0000

176.0844,

174.1273, 204.8620

215.8265,
214.3055, 250.8451

■ 23.1746, 21.5586,
27.3659

■ 23.1746, 21.5586,
27.3659

■ 21.2829, 18.1918,
25.4502

■ 25.3412, 25.4605,
29.4171

■ 19.6524, 15.3338,
23.6642

■ 27.7920, 29.9169,
31.6065

■ 18.2709, 12.9601,
22.0038

■ 30.5381, 34.9495,
33.9385

■ 17.1246, 11.0431,
20.4638

■ 33.5894, 40.5781,
36.4169

■ 16.1983, 9.5525,
19.0389

■ 36.9554, 46.8216,
39.0450

■ 15.4748, 8.4543,
17.7227

■ 40.6452, 53.6980,
41.8265

■ 14.9345, 7.7091,
16.5084

■ 44.6675, 61.2245,
44.7645

■ 14.5458, 7.2542,
15.3850

■ 49.0307, 69.4178,
47.8622

■ 14.4239, 7.1185,
15.0106

■ 53.7428, 78.2939,
51.1226

Harmonies

Analogous

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



22.1165, 21.5586, 31.0555



23.1746, 21.5586, 27.3659



23.5020, 21.5586, 22.9904

Triad

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



23.1746, 21.5586, 27.3659



20.3214, 21.5586, 16.1658



18.1791, 21.5586, 28.3101

Complementary

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



23.1746, 21.5586, 27.3659



21.8421, 25.8486, 23.9179

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.



17.7485, 21.5586, 23.9636



23.1746, 21.5586, 27.3659



18.9468, 21.5586, 17.2386

Square

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



23.1746, 21.5586, 27.3659



21.8083, 21.5586, 16.8456



18.0226, 21.5586, 19.9692



19.2275, 21.5586, 31.6457

Rectangle

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



23.1746, 21.5586, 27.3659



23.2493, 21.5586, 20.3504



18.0226, 21.5586, 19.9692



17.9596, 21.5586, 26.9012

Sweetspot

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



23.1752, 21.5595, 27.3664



45.9844, 46.6867, 53.2325



20.7015, 20.2323, 29.6024



10.1715, 10.2805, 11.7890



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.1752, 21.5595, 27.3664



40.1355, 36.1662, 47.6535



22.3459, 21.2278, 22.9993



5.5694, 5.4883, 6.4966



12.3825, 6.1100, 12.9313



0.1272, 0.0619, 0.1700

Inverse Universe

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



23.1752, 21.5595, 27.3664



40.1355, 36.1662, 47.6535



22.6715, 26.1803, 28.2850



5.5694, 5.4883, 6.4966



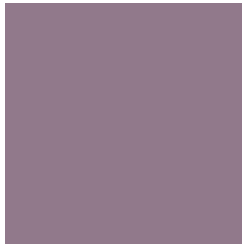
12.3825, 6.1100, 12.9313



0.1272, 0.0619, 0.1700

Previews

White Background



This preview shows how the XYZ color 23.1746, 21.5586, 27.3659 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 23.1746, 21.5586, 27.3659 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 23.1746, 21.5586, 27.3659

Background



This preview shows how black text looks on a background with the XYZ color 23.1746, 21.5586, 27.3659.



This preview shows how white text looks on a background with the XYZ color 23.1746, 21.5586,

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

23.1746, 21.5586, 27.3659

Protanopia

21.1515, 21.5975, 29.0405

Deuteranopia

21.9484, 21.4845, 27.0349



Tritanopia

22.6260, 21.5143, 24.7900

Trichromacy



Original Color

23.1746, 21.5586, 27.3659

Protanomaly

21.8890, 21.6068, 28.6080

Deuteranomaly

22.3179, 21.4899, 27.0164

Tritanomaly

22.8343, 21.5976, 25.8869

Monochromacy



Original Color

23.1746, 21.5586, 27.3659

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8147, 22.0231, 25.2914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1746, 21.5586, 27.3659 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(145, 121, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 121, 139)  
}
```

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(145, 121, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 121, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.1746, 21.5586, 27.3659 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(145, 121, 139) }
```


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

```
.border{ border-color:rgb(145, 121, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 121, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 121, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 121, 139);  
box-shadow:4px 4px 4px 4px rgb(145, 121,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1746, 21.5586, 27.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 121, 139) }
```

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

```
.background{ background-color: rgb(145,  
121, 139) }
```

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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