

Converting Colors

XYZ(22.5339, 18.5736, 11.9329)

Have a look what the booklet for
XYZ(22.5339, 18.5736, 11.9329)
contains.

XYZ(22.5898, 18.6373, 11.8579)	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(22.5898, 18.6373,
11.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	A76759
RGB	167, 103, 89
RGB Percent	65%, 40%, 35%
CMY	0.3451, 0.5961, 0.6510
CMYK	0.00, 0.38, 0.47, 0.35
HSL	11°, 31%, 50%
HSV	11°, 47%, 65%
XYZ	22.5898, 18.6373, 11.8579
YIQ	120.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

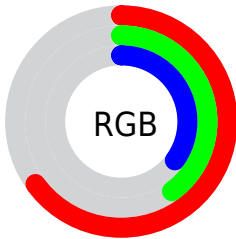
Format	Color
R_{YB}	167, 106, 89
Decimal	10970969
CIE _{Lab}	50.26, 24.11, 18.73
CIE _{LCh}	50, 30.532, 37.845
Yxy	18.6373, 0.4255, 0.3511
Android (android.graphics.Color)	4289161049 (0xFFA76759)
YUV	120.5400, -15.5492, 40.7454
Hunter-Lab	43.1709, 17.8535, 13.9343

Details

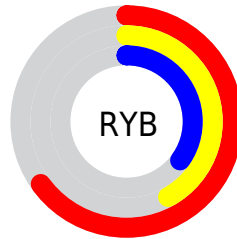
The XYZ color **22.5898, 18.6373, 11.8579** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.4855, 27.6950, 40.7197**, and the grayscale version is **18.0650, 19.0058, 20.6973**.

A 20% lighter version of the original color is **47.1220, 41.1541, 29.8860**, and **8.4843, 6.3515, 3.0643** is the 20% darker color. If you saturate the color by 10%, you get **20.7135, 15.8826, 8.1564**, and if you desaturate by 10%, it is **24.8495, 21.9042, 16.4724**.

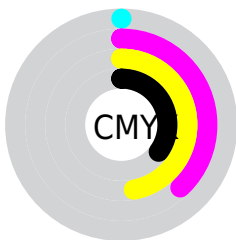
Distribution



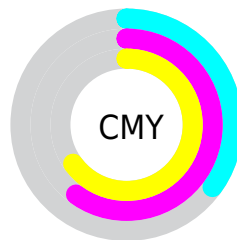
- Red (65%)
- Green (40%)
- Blue (35%)



- Red (65%)
- Yellow (42%)
- Blue (35%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5898, 18.6373, 11.8579 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 22.5898, 18.6373, 11.8579 by changing the saturation by 10% instead.

■ 22.5898, 18.6373,
11.8579

■ 22.5898, 18.6373,
11.8579

258.1859,
244.4391, 214.4067

■ 14.4099, 11.4085,
6.5256

■ 47.1905, 41.1203,
29.8966

■ 8.4899, 6.3423,
3.0933

■ 64.3421, 57.1433,
43.4400

■ 4.4644, 3.0543,
1.1425

■ 85.2150, 76.8665,
60.5576

■ 1.9681, 1.1602,
0.0000

■ 110.1745,
100.6743, 81.6679

■ 0.6159, 0.0288,
0.0000

■ 139.5859,
128.9510, 107.1894

■ 0.0000, 0.0000,
0.0000

173.8148,

162.0811, 137.5407

213.2263,
200.4490, 173.1403

■ 22.5898, 18.6373,
11.8579

■ 22.5898, 18.6373,
11.8579

■ 20.7135, 15.8826,
8.1564

■ 24.8495, 21.9042,
16.4724

■ 19.1975, 13.6113,
5.3058

■ 27.5111, 25.7046,
22.0543

■ 18.0181, 11.7957,
3.2380


■ 30.5938, 30.0623,
28.6548


■ 17.1482, 10.4044,
1.8737


■ 34.1149, 34.9985,
36.3214


■ 16.5528, 9.4002,
1.0999

■ 38.0909, 40.5333,
45.0984

 16.4002, 9.1432,
0.9004

 42.5374, 46.6862,
55.0278

 47.4690, 53.4752,
66.1491

 52.9001, 60.9182,
78.5003

 58.8441, 69.0320,
92.1175

Harmonies

Analogous

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



23.9592, 18.6373, 18.1521



22.5898, 18.6373, 11.8579



19.9441, 18.6373, 8.6460

Triad

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



22.5898, 18.6373, 11.8579



12.9563, 18.6373, 14.7547



18.5010, 18.6373, 41.0548

Complementary

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



22.5898, 18.6373, 11.8579



22.4855, 27.6950, 40.7197

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.



15.6570, 18.6373, 39.3996



22.5898, 18.6373, 11.8579



12.6612, 18.6373, 22.5957

Square

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



22.5898, 18.6373, 11.8579



14.4523, 18.6373, 9.9655



13.5960, 18.6373, 32.0014



21.4333, 18.6373, 36.0434

Rectangle

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



22.5898, 18.6373, 11.8579



17.9287, 18.6373, 7.9897



13.5960, 18.6373, 32.0014



17.5014, 18.6373, 41.2804

Sweetspot

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



22.5903, 18.6382, 11.8583



56.2645, 55.9107, 54.5068



25.3415, 17.6935, 32.6514



12.3101, 12.1170, 11.5897



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.



22.5903, 18.6382, 11.8583



37.0037, 28.3070, 14.4283



27.2644, 27.9866, 13.4163



7.6360, 7.7521, 7.8831



12.5765, 7.0502, 0.6980



0.3365, 0.2325, 0.0271

Inverse Universe

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



22.4855, 27.6950, 40.7197



36.7552, 46.4605, 72.5059



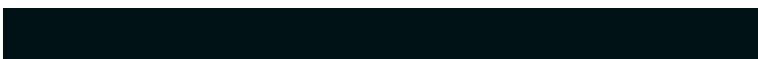
17.2257, 17.1755, 38.9665



7.6313, 8.2995, 9.6181



12.2168, 15.8939, 30.3994



0.3263, 0.4447, 0.7493

Previews

White Background



This preview shows how the XYZ color 22.5898, 18.6373, 11.8579 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 22.5898, 18.6373, 11.8579 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 22.5898, 18.6373, 11.8579

Background



This preview shows how black text looks on a background with the XYZ color 22.5898, 18.6373, 11.8579.



This preview shows how white text looks on a background with the XYZ color 22.5898, 18.6373,

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

22.5898, 18.6373, 11.8579

Protanopia

17.6265, 18.8080, 14.0106

Deuteranopia

19.0064, 18.7004, 11.6246



Tritanopia

23.6261, 18.6321, 16.5385

Trichromacy



Original Color

22.5898, 18.6373, 11.8579

Protanomaly

19.1930, 18.5936, 13.1670

Deuteranomaly

20.2084, 18.6528, 11.7678

Tritanomaly

23.1511, 18.5718, 14.6764

Monochromacy



Original Color

22.5898, 18.6373, 11.8579

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.2589, 18.5420, 17.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5898, 18.6373, 11.8579 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(167, 103, 89)` looks like.

```
.text, #text, p{  
    color:rgb(167, 103, 89)  
}
```

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(167, 103, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 103, 89) }
```

Border

The CSS property to change the border of an element to XYZ 22.5898, 18.6373, 11.8579 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(167, 103, 89) }
```


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

```
.border{ border-color:rgb(167, 103, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 103, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 103, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 103, 89);  
box-shadow:4px 4px 4px 4px rgb(167, 103,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5898, 18.6373, 11.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 103, 89) }
```

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

```
.background{ background-color: rgb(167,  
103, 89) }
```

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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