

Converting Colors

XYZ(23.0519, 22.4521, 30.0485)

Have a look what the booklet for
XYZ(23.0519, 22.4521, 30.0485)
contains.

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Color

**XYZ(22.8882, 22.2844,
29.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	897E91
RGB	137, 126, 145
RGB Percent	54%, 49%, 57%
CMY	0.4627, 0.5059, 0.4314
CMYK	0.06, 0.13, 0.00, 0.43
HSL	275°, 8%, 53%
HSV	275°, 13%, 57%
XYZ	22.8882, 22.2844, 29.8830
YIQ	131.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

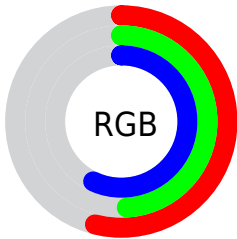
Format	Color
R_{YB}	137, 126, 145
Decimal	9010833
CIE Lab	54.33, 7.94, -8.72
CIE LCh	54, 11.790, 312.313
Yxy	22.2844, 0.3049, 0.2969
Android (android.graphics.Color)	4287200913 (0xFF897E91)
YUV	131.4550, 6.6777, 4.8630
Hunter-Lab	47.2064, 3.9354, -4.4879

Details

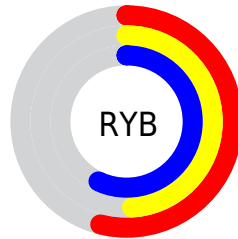
The XYZ color $22.8882, 22.2844, 29.8830$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.7236, 26.8260, 23.6673$, and the grayscale version is $21.7134, 22.8442, 24.8774$.

A 20% lighter version of the original color is $47.6641, 47.3109, 60.6526$, and $8.6499, 8.1602, 11.9457$ is the 20% darker color. If you saturate the color by 10%, you get $20.1942, 18.3403, 29.2640$, and if you desaturate by 10%, it is $25.9089, 26.7971, 30.5952$.

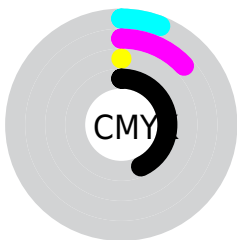
Distribution



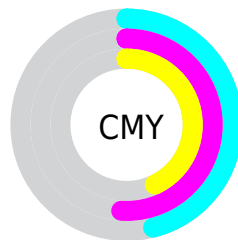
- Red (54%)
- Green (49%)
- Blue (57%)



- Red (54%)
- Yellow (49%)
- Blue (57%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8882, 22.2844, 29.8830 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 22.8882, 22.2844, 29.8830 by changing the saturation by 10% instead.

■ 22.8882, 22.2844,
29.8830

■ 22.8882, 22.2844,
29.8830

259.6963,
264.0279, 315.5490

■ 14.6312, 14.0660,
19.4985

■ 47.6777, 47.2156,
60.5359

■ 8.6456, 8.1666,
11.8506

■ 64.9409, 64.6972,
81.6414

■ 4.5660, 4.2017,
6.5207

■ 85.9369, 86.0354,
107.1577

■ 2.0271, 1.7870,
3.0904

111.0311,
111.6144, 137.5032

■ 0.6491, 0.4791,
1.1410

140.5888,
141.8188, 173.0966

■ 0.0000, 0.0000,
0.0000

174.9753,

177.0329, 214.3563

214.5560,
217.6412, 261.7009

■ 22.8882, 22.2844,
29.8830

■ 22.8882, 22.2844,
29.8830

■ 20.1942, 18.3403,
29.2640

■ 25.9089, 26.7971,
30.5952

■ 17.8126, 14.9385,
28.7329

■ 29.2661, 31.8978,
31.4028

■ 15.7306, 12.0547,
28.2860

■ 32.9715, 37.6081,
32.3097

■ 13.9340, 9.6617,
27.9189

■ 37.0357, 43.9480,
33.3192

■ 12.4071, 7.7298,
27.6264

■ 41.4689, 50.9365,
34.4344

■ 11.1326, 6.2258,
27.4033

■ 46.2807, 58.5916,
35.6584

■ 10.0908, 5.1120,
27.2432

■ 51.4803, 66.9309,
36.9940

■ 9.2586, 4.3437,
27.1388

■ 57.0769, 75.9709,
38.4439

■ 8.7619, 3.9265,
27.0844

■ 62.5974, 84.7648,
39.8504

Harmonies

Analogous

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



21.7120, 22.2844, 31.8564



22.8882, 22.2844, 29.8830



23.6234, 22.2844, 26.4784

Triad

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



22.8882, 22.2844, 29.8830



21.9404, 22.2844, 18.1263



18.8568, 22.2844, 25.8047

Complementary

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



22.8882, 22.2844, 29.8830



23.7236, 26.8260, 23.6673

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.



18.9124, 22.2844, 22.1765



22.8882, 22.2844, 29.8830



20.6580, 22.2844, 17.9852

Square

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



22.8882, 22.2844, 29.8830



23.0612, 22.2844, 19.8045



19.5602, 22.2844, 19.3975



19.4052, 22.2844, 29.3470

Rectangle

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



22.8882, 22.2844, 29.8830



23.7471, 22.2844, 23.9794



19.5602, 22.2844, 19.3975



18.8061, 22.2844, 24.5506

Sweetspot

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



22.8889, 22.2853, 29.8835



45.8412, 47.1500, 54.6583



22.2732, 23.5956, 30.1688



10.1114, 10.3590, 12.1388



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.



22.8889, 22.2853, 29.8835



39.3679, 37.5170, 53.1402



24.1522, 22.9478, 29.4356



5.4097, 5.3994, 6.7858



7.5453, 3.3833, 23.2324



0.0973, 0.0453, 0.2233

Inverse Universe

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



23.4417, 22.6637, 25.6943



40.5974, 38.3566, 43.9027



22.5785, 26.2262, 24.0431



5.4972, 5.4594, 6.1163



10.7521, 5.4579, 4.3459



0.1134, 0.0564, 0.0974

Previews

White Background



This preview shows how the XYZ color 22.8882, 22.2844, 29.8830 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 22.8882, 22.2844, 29.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

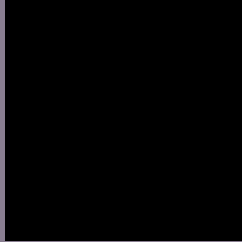
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8882, 22.2844, 29.8830

Background



This preview shows how black text looks on a background with the XYZ color 22.8882, 22.2844, 29.8830.



This preview shows how white text looks on a background with the XYZ color 22.8882, 22.2844,

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

22.8882, 22.2844, 29.8830

Protanopia

21.8691, 22.3191, 30.7592

Deuteranopia

22.7250, 22.2003, 29.8754



Tritanopia

22.2581, 22.2191, 26.7825

Trichromacy



Original Color

22.8882, 22.2844, 29.8830

Protanomaly

22.2676, 22.3390, 30.3324

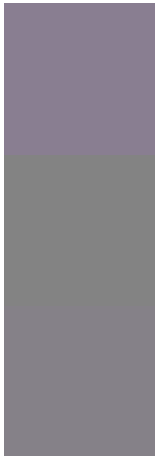
Deuteranomaly

22.7250, 22.2003, 29.8754

Tritanomaly

22.4763, 22.3064, 27.9319

Monochromacy



Original Color

22.8882, 22.2844, 29.8830

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9671, 22.4646, 26.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8882, 22.2844, 29.8830 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(137, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(137, 126, 145)  
}
```

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(137, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 126, 145) }
```

Border

The CSS property to change the border of an element to XYZ 22.8882, 22.2844, 29.8830 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(137, 126, 145) }
```


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

```
.border{ border-color:rgb(137, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(137, 126,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8882, 22.2844, 29.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 126, 145) }
```

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

```
.background{ background-color: rgb(137,  
126, 145) }
```

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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