

Converting Colors

XYZ(22.8114, 22.2537, 29.4787)

Have a look what the booklet for
XYZ(22.8114, 22.2537, 29.4787)
contains.

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Color

**XYZ(22.8114, 22.2537,
29.4787)**

Conversions

Conversions Part 1

Format	Color
Hex	897E90
RGB	137, 126, 144
RGB Percent	54%, 49%, 56%
CMY	0.4627, 0.5059, 0.4353
CMYK	0.05, 0.12, 0.00, 0.44
HSL	277°, 7%, 53%
HSV	277°, 12%, 56%
XYZ	22.8114, 22.2537, 29.4787
YIQ	131.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

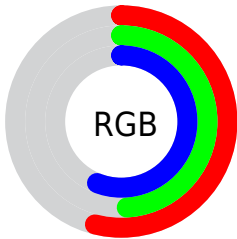
Format	Color
R_{YB}	137, 126, 144
Decimal	9010832
CIE _{Lab}	54.30, 7.73, -8.19
CIE _{LCh}	54, 11.257, 313.353
Yxy	22.2537, 0.3060, 0.2985
Android (android.graphics.Color)	4287200912 (0xFF897E90)
YUV	131.3410, 6.2409, 4.9629
Hunter-Lab	47.1738, 3.7614, -4.0284

Details

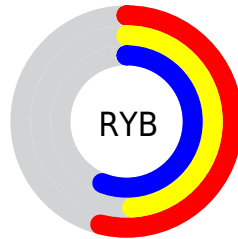
The XYZ color **22.8114, 22.2537, 29.4787** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4129, 26.4401, 23.6093**, and the grayscale version is **21.6740, 22.8028, 24.8322**.

A 20% lighter version of the original color is **47.5483, 47.2646, 60.0430**, and **8.6047, 8.1421, 11.7077** is the 20% darker color. If you saturate the color by 10%, you get **20.2067, 18.3719, 28.8671**, and if you desaturate by 10%, it is **25.7301, 26.6921, 30.1819**.

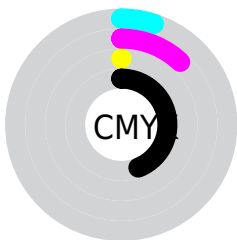
Distribution



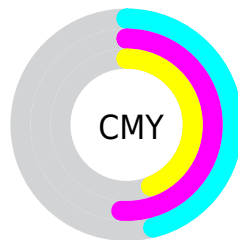
- Red (54%)
- Green (49%)
- Blue (56%)



- Red (54%)
- Yellow (49%)
- Blue (56%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8114, 22.2537, 29.4787 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 22.8114, 22.2537, 29.4787 by changing the saturation by 10% instead.

■ 22.8114, 22.2537,
29.4787

■ 22.8114, 22.2537,
29.4787

259.3083,
263.8683, 313.5983

■ 14.5742, 14.0434,
19.1946

■ 47.5524, 47.1650,
59.8880

■ 8.6055, 8.1509,
11.6327

■ 64.7869, 64.6347,
80.8503

■ 4.5398, 4.1916,
6.3746

■ 85.7513, 85.9598,
106.2090

■ 2.0118, 1.7813,
3.0017

110.8109,
111.5245, 136.3827

■ 0.6406, 0.4755,
1.0955

140.3310,
141.7134, 171.7899

■ 0.0000, 0.0000,
0.0000

174.6771,

176.9107, 212.8492

214.2144,
217.5009, 259.9792

■ 22.8114, 22.2537,
29.4787

■ 22.8114, 22.2537,
29.4787

■ 20.2067, 18.3719,
28.8671

■ 25.7301, 26.6921,
30.1819

■ 17.9022, 15.0210,
28.3417

■ 28.9722, 31.7058,
30.9788

■ 15.8856, 12.1773,
27.8991

■ 32.5490, 37.3162,
31.8732

■ 14.1431, 9.8144,
27.5349

■ 36.4708, 43.5426,
32.8683

■ 12.6596, 7.9032,
27.2442

■ 40.7472, 50.4035,
33.9672

■ 11.4186, 6.4116,
27.0217

■ 45.3876, 57.9166,
35.1728

■ 10.4010, 5.3029,
26.8613

■ 50.4010, 66.0989,
36.4879

■ 9.5845, 4.5338,
26.7559

■ 55.7959, 74.9669,
37.9152

■ 9.0579, 4.0880,
26.6976

■ 61.3878, 84.1501,
39.3930

Harmonies

Analogous

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



21.7006, 22.2537, 31.4108



22.8114, 22.2537, 29.4787



23.4914, 22.2537, 26.2166

Triad

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



22.8114, 22.2537, 29.4787



21.8340, 22.2537, 18.3206



18.9397, 22.2537, 25.8233

Complementary

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



22.8114, 22.2537, 29.4787



23.4129, 26.4401, 23.6093

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.



18.9723, 22.2537, 22.3474



22.8114, 22.2537, 29.4787



20.6117, 22.2537, 18.2374

Square

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



22.8114, 22.2537, 29.4787



22.9123, 22.2537, 19.8850



19.5741, 22.2537, 19.6454



19.4832, 22.2537, 29.1670

Rectangle

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



22.8114, 22.2537, 29.4787



23.5932, 22.2537, 23.8378



19.5741, 22.2537, 19.6454



18.8843, 22.2537, 24.6275

Sweetspot

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



22.8121, 22.2547, 29.4792



44.5286, 45.7717, 53.0259



22.0541, 23.2801, 29.7171



10.1266, 10.3669, 12.1395



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.



22.8121, 22.2547, 29.4792



38.8889, 37.2305, 51.6746



23.8607, 22.8110, 28.8158



5.4259, 5.4077, 6.7866



7.9144, 3.5736, 23.2497



0.1004, 0.0469, 0.2234

Inverse Universe

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



23.1969, 22.5455, 25.3207



39.7216, 37.8572, 42.7930



22.4614, 25.9360, 24.1765



5.4903, 5.4566, 6.0799



10.6485, 5.4164, 3.8003



0.1121, 0.0559, 0.0903

Previews

White Background



This preview shows how the XYZ color 22.8114, 22.2537, 29.4787 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 22.8114, 22.2537, 29.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

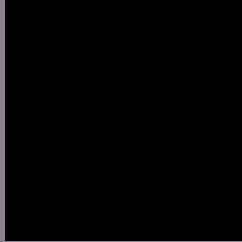
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8114, 22.2537, 29.4787

Background



This preview shows how black text looks on a background with the XYZ color 22.8114, 22.2537, 29.4787.



This preview shows how white text looks on a background with the XYZ color 22.8114, 22.2537,

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

22.8114, 22.2537, 29.4787

Protanopia

21.7910, 22.2879, 30.3476

Deuteranopia

22.6482, 22.1696, 29.4710



Tritanopia

22.2581, 22.2191, 26.7825

Trichromacy



Original Color

22.8114, 22.2537, 29.4787

Protanomaly

22.1901, 22.3080, 29.9244

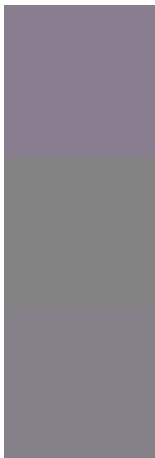
Deuteranomaly

22.6482, 22.1696, 29.4710

Tritanomaly

22.4763, 22.3064, 27.9319

Monochromacy



Original Color

22.8114, 22.2537, 29.4787

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 22.8114, 22.2537, 29.4787 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 126, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 126, 144) }
```

Border

The CSS property to change the border of an element to XYZ 22.8114, 22.2537, 29.4787 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, 144) }
```


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

```
.border{ border-color:rgb(137, 126, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 126,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8114, 22.2537, 29.4787 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, 144) }
```

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

```
.background{ background-color: rgb(137,  
126, 144) }
```

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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