

Converting Colors

XYZ(22.5091, 26.0729, 23.7835)

Have a look what the booklet for
XYZ(22.5091, 26.0729, 23.7835)
contains.

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Color

**XYZ(22.4082, 25.9144,
23.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	7E907F
RGB	126, 144, 127
RGB Percent	49%, 56%, 50%
CMY	0.5059, 0.4353, 0.5020
CMYK	0.13, 0.00, 0.12, 0.44
HSL	123°, 8%, 53%
HSV	123°, 13%, 56%
XYZ	22.4082, 25.9144, 23.8996
YIQ	136.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

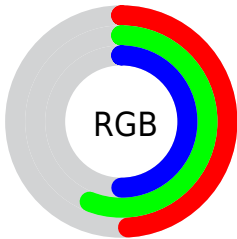
Format	Color
R_{YB}	126, 143, 144
Decimal	8294527
CIE _{Lab}	57.96, -9.89, 6.87
CIE _{LCh}	58, 12.041, 145.239
Yxy	25.9144, 0.3103, 0.3588
Android (android.graphics.Color)	4286484607 (0xFF7E907F)
YUV	136.6800, -4.7722, -9.3664
Hunter-Lab	50.9062, -10.5126, 7.7987

Details

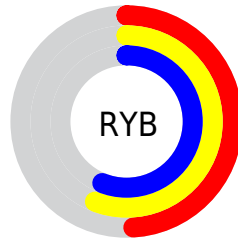
The XYZ color **22.4082, 25.9144, 23.8996** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9213, 22.8348, 29.1346**, and the grayscale version is **23.6765, 24.9095, 27.1265**.

A 20% lighter version of the original color is **47.0227, 53.2672, 50.9832**, and **8.4384, 10.1332, 8.7189** is the 20% darker color. If you saturate the color by 10%, you get **19.6084, 24.5674, 19.4499**, and if you desaturate by 10%, it is **25.6348, 27.4691, 28.9951**.

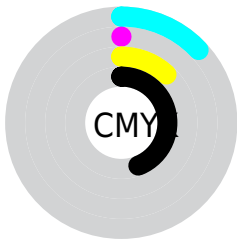
Distribution



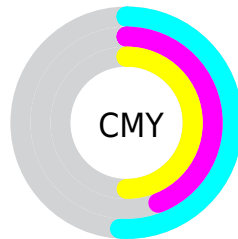
- Red (49%)
- Green (56%)
- Blue (50%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4082, 25.9144, 23.8996 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 22.4082, 25.9144, 23.8996 by changing the saturation by 10% instead.

■ 22.4082, 25.9144,
23.8996

■ 22.4082, 25.9144,
23.8996

257.2631,
282.3616, 285.5827

■ 14.2754, 16.7596,
15.0476

■ 46.8936, 53.1368,
50.8081

■ 8.3955, 10.0632,
8.7058

■ 63.9769, 71.9732,
69.7017

■ 4.4029, 5.4409,
4.4556

■ 84.7745, 94.8057,
92.7796

■ 1.9325, 2.5082,
1.8785

109.6516,
122.0185, 120.4604

■ 0.5956, 0.8807,
0.4790

138.9737,
153.9961, 153.1625

■ 0.0000, 0.0000,
0.0000

173.1061,

191.1229, 191.3046

212.4141,
233.7833, 235.3051

■ 22.4082, 25.9144,
23.8996

■ 22.4082, 25.9144,
23.8996

■ 19.6084, 24.5674,
19.4499

■ 25.6348, 27.4691,
28.9951

■ 17.2155, 23.4161,
15.6184

■ 29.3028, 29.2362,
34.7588

■ 15.2112, 22.4525,
12.3785

■ 33.4287, 31.2246,
41.2143

■ 13.5750, 21.6666,
9.7006

■ 38.0276, 33.4415,
48.3835

■ 12.2844, 21.0475,
7.5527

■ 43.1138, 35.8938,
56.2873

■ 11.3147, 20.5831,
5.8997

■ 48.7010, 38.5883,
64.9457

■ 10.6375, 20.2599,
4.7021

■ 54.8024, 41.5312,
74.3782

■ 10.2199, 20.0616,
3.9144

■ 61.4307, 44.7288,
84.6032

■ 10.0176, 19.9650,
3.5554

■ 68.3757, 48.0723,
95.6284

Harmonies

Analogous

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



23.4598, 25.9144, 21.5857



22.4082, 25.9144, 23.8996



21.9527, 25.9144, 27.5580

Triad

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



22.4082, 25.9144, 23.8996



24.3999, 25.9144, 36.9559



27.2429, 25.9144, 24.9433

Complementary

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



22.4082, 25.9144, 23.8996



23.9213, 22.8348, 29.1346

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.



27.5185, 25.9144, 28.8851



22.4082, 25.9144, 23.8996



25.8403, 25.9144, 36.0824

Square

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



22.4082, 25.9144, 23.8996



23.0734, 25.9144, 35.3063



26.9958, 25.9144, 33.0240



26.2568, 25.9144, 22.1455

Rectangle

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



22.4082, 25.9144, 23.8996



22.0347, 25.9144, 30.3701



26.9958, 25.9144, 33.0240



27.4233, 25.9144, 26.1670

Sweetspot

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



22.4089, 25.9155, 23.9002



44.2612, 47.9890, 49.6402



25.0852, 27.3027, 23.6868



10.0557, 10.9595, 11.2347



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.



22.4089, 25.9155, 23.9002



38.0617, 45.0036, 39.8368



23.0151, 26.1580, 27.0921



5.3543, 6.0339, 5.8315



8.7261, 17.3863, 3.1116



0.0854, 0.1670, 0.0399

Inverse Universe

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



23.9213, 22.8348, 29.1346



41.2665, 38.4752, 50.9287



23.2733, 22.5756, 25.7225



5.6135, 5.5059, 6.7287



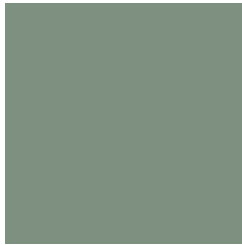
13.8886, 6.7124, 20.8624



0.1353, 0.0652, 0.2129

Previews

White Background



This preview shows how the XYZ color 22.4082, 25.9144, 23.8996 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 22.4082, 25.9144, 23.8996 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

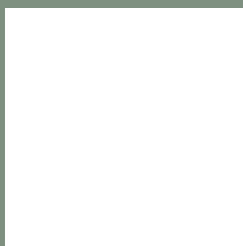
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4082, 25.9144, 23.8996

Background



This preview shows how black text looks on a background with the XYZ color 22.4082, 25.9144, 23.8996.



This preview shows how white text looks on a background with the XYZ color 22.4082, 25.9144,

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

22.4082, 25.9144, 23.8996

Protanopia

24.5478, 25.9402, 22.7819

Deuteranopia

26.1978, 25.7031, 24.3493



Tritanopia

24.2515, 25.7690, 33.4015

Trichromacy



Original Color

22.4082, 25.9144, 23.8996

Protanomaly

23.7078, 25.9337, 23.1582

Deuteranomaly

24.6618, 25.7552, 24.0935

Tritanomaly

23.5361, 25.7001, 29.7067

Monochromacy



Original Color

22.4082, 25.9144, 23.8996

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2846, 25.4362, 25.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4082, 25.9144, 23.8996 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(126, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(126, 144, 127)  
}
```

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(126, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 144, 127) }
```

Border

The CSS property to change the border of an element to XYZ 22.4082, 25.9144, 23.8996 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(126, 144, 127) }
```


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

```
.border{ border-color:rgb(126, 144, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 144, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(126, 144,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4082, 25.9144, 23.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 144, 127) }
```

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

```
.background{ background-color: rgb(126,  
144, 127) }
```

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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