

Converting Colors

XYZ(22.4288, 24.5790, 25.2278)

Have a look what the booklet for
XYZ(22.4288, 24.5790, 25.2278)
contains.

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Color

**XYZ(22.4593, 24.5887,
25.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	828A84
RGB	130, 138, 132
RGB Percent	51%, 54%, 52%
CMY	0.4902, 0.4588, 0.4823
CMYK	0.06, 0.00, 0.04, 0.46
HSL	135°, 3%, 53%
HSV	135°, 6%, 54%
XYZ	22.4593, 24.5887, 25.3922
YIQ	134.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

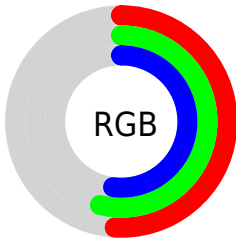
Format	Color
R_{YB}	130, 136, 138
Decimal	8555140
CIE Lab	56.67, -4.13, 2.19
CIE LCh	57, 4.673, 152.023
Yxy	24.5887, 0.3100, 0.3394
Android (android.graphics.Color)	4286745220 (0xFF828A84)
YUV	134.9240, -1.4415, -4.3183
Hunter-Lab	49.5870, -5.9297, 4.3500

Details

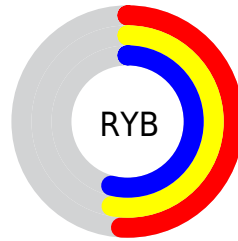
The XYZ color **22.4593, 24.5887, 25.3922** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9087, 23.1468, 26.5541**, and the grayscale version is **23.0074, 24.2056, 26.3599**.

A 20% lighter version of the original color is **46.9162, 50.8317, 53.2377**, and **8.4444, 9.3533, 9.5439** is the 20% darker color. If you saturate the color by 10%, you get **19.8093, 23.3011, 21.7523**, and if you desaturate by 10%, it is **25.4649, 26.0529, 29.4167**.

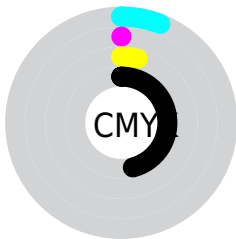
Distribution



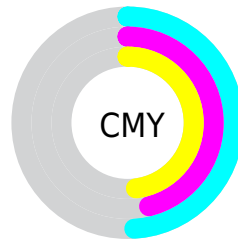
- Red (51%)
- Green (54%)
- Blue (52%)



- Red (51%)
- Yellow (53%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4593, 24.5887, 25.3922 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 22.4593, 24.5887, 25.3922 by changing the saturation by 10% instead.

■ 22.4593, 24.5887,
25.3922

■ 22.4593, 24.5887,
25.3922

257.5231,
275.7834, 293.2955

■ 14.3133, 15.7709,
16.1478

■ 46.9772, 50.9892,
53.2648

■ 8.4220, 9.3622,
9.4733

■ 64.0797, 69.3406,
72.7300

■ 4.4202, 4.9782,
4.9502

■ 84.8985, 91.6388,
96.4393

■ 1.9425, 2.2345,
2.1598

109.7989,
118.2680, 124.8112

■ 0.6014, 0.7387,
0.6510

139.1461,
149.6127, 158.2643

■ 0.0000, 0.0000,
0.0000

173.3057,

186.0572, 197.2169

212.6429,
227.9860, 242.0878

■ 22.4593, 24.5887,
25.3922

■ 22.4593, 24.5887,
25.3922

■ 19.8093, 23.3011,
21.7523

■ 25.4649, 26.0529,
29.4167

■ 17.4997, 22.1804,
18.4841

■ 28.8366, 27.6968,
33.8351

■ 15.5169, 21.2205,
15.5765

■ 32.5871, 29.5273,
38.6581

■ 13.8459, 20.4140,
13.0169

■ 36.7277, 31.5502,
43.8958

■ 12.4704, 19.7527,
10.7923

■ 41.2692, 33.7709,
49.5577

■ 11.3725, 19.2278,
8.8886

■ 46.2223, 36.1945,
55.6533

■ 10.5325, 18.8292,
7.2910

■ 51.5970, 38.8261,
62.1915

■ 9.9277, 18.5458,
5.9833

■ 57.4029, 41.6705,
69.1811

■ 9.5251, 18.3607,
4.9475

■ 63.6496, 44.7324,
76.6305

Harmonies

Analogous

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



22.8206, 24.5887, 24.3129



22.4593, 24.5887, 25.3922



22.3411, 24.5887, 26.8788

Triad

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



22.4593, 24.5887, 25.3922



23.4078, 24.5887, 29.8793



24.2688, 24.5887, 25.2159

Complementary

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



22.4593, 24.5887, 25.3922



22.9087, 23.1468, 26.5541

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.



24.4317, 24.5887, 26.6673



22.4593, 24.5887, 25.3922



23.9298, 24.5887, 29.3936

Square

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



22.4593, 24.5887, 25.3922



22.8836, 24.5887, 29.5062



24.3067, 24.5887, 28.2028



23.8649, 24.5887, 24.2139

Rectangle

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



22.4593, 24.5887, 25.3922



22.4146, 24.5887, 27.9118



24.3067, 24.5887, 28.2028



24.3538, 24.5887, 25.6654

Sweetspot

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



22.4600, 24.5898, 25.3927



41.5024, 44.2735, 47.3404



23.2937, 25.0352, 24.7241



9.3250, 9.9382, 10.6400



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.4600, 24.5898, 25.3927



38.9204, 43.0170, 43.8508



22.7297, 24.6976, 26.8130



5.1367, 5.6843, 5.7848



8.6093, 16.7763, 4.2335



0.0623, 0.1135, 0.0552

Inverse Universe

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



22.9087, 23.1468, 26.5541



39.8871, 39.9085, 46.3528



22.6387, 23.0388, 25.1321



5.2675, 5.2637, 6.1233



11.8841, 5.8637, 12.4256



0.0848, 0.0413, 0.1134

Previews

White Background



This preview shows how the XYZ color 22.4593, 24.5887, 25.3922 looks on a white background.

Color Contrast Check

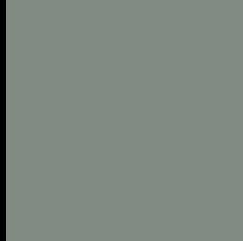
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4593, 24.5887, 25.3922 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

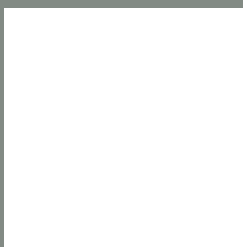
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4593, 24.5887, 25.3922

Background



This preview shows how black text looks on a background with the XYZ color 22.4593, 24.5887, 25.3922.



This preview shows how white text looks on a background with the XYZ color 22.4593, 24.5887,

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

22.4593, 24.5887, 25.3922

Protanopia

23.3407, 24.4286, 24.6041

Deuteranopia

24.9276, 24.4101, 25.5881



Tritanopia

23.5863, 24.6204, 31.1128

Trichromacy



Original Color

22.4593, 24.5887, 25.3922

Protanomaly

23.0542, 24.4813, 24.9830

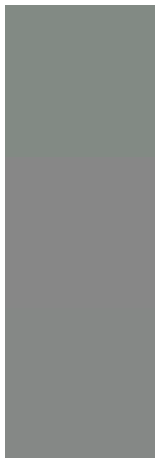
Deuteranomaly

24.0864, 24.5833, 25.6659

Tritanomaly

23.1882, 24.6696, 29.1307

Monochromacy



Original Color

22.4593, 24.5887, 25.3922

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7801, 24.3161, 26.0471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4593, 24.5887, 25.3922 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(130, 138, 132) looks like.

```
.text, #text, p{  
    color:rgb(130, 138, 132)  
}
```

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(130, 138, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 138, 132) }
```

Border

The CSS property to change the border of an element to XYZ 22.4593, 24.5887, 25.3922 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(130, 138, 132) }
```


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

```
.border{ border-color:rgb(130, 138, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 138, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 138, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 138, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 138,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4593, 24.5887, 25.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 138, 132) }
```

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

```
.background{ background-color: rgb(130,  
138, 132) }
```

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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