

Converting Colors

XYZ(23.5029, 25.8795, 27.3260)

Have a look what the booklet for
XYZ(23.5029, 25.8795, 27.3260)
contains.

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Color

**XYZ(23.5484, 25.9774,
27.4399)**

Conversions

Conversions Part 1

Format	Color
Hex	838E89
RGB	131, 142, 137
RGB Percent	51%, 56%, 54%
CMY	0.4863, 0.4431, 0.4627
CMYK	0.08, 0.00, 0.04, 0.44
HSL	153°, 5%, 54%
HSV	153°, 8%, 56%
XYZ	23.5484, 25.9774, 27.4399
YIQ	138.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

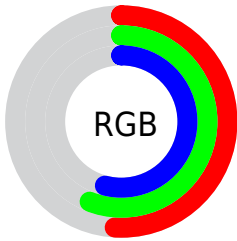
Format	Color
R_{YB}	131, 138, 142
Decimal	8621705
CIE _{Lab}	58.02, -5.00, 1.28
CIE _{LCh}	58, 5.160, 165.595
Yxy	25.9774, 0.3060, 0.3375
Android (android.graphics.Color)	4286811785 (0xFF838E89)
YUV	138.1410, -0.5625, -6.2627
Hunter-Lab	50.9680, -6.7230, 3.7574

Details

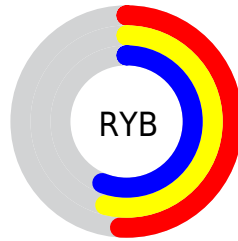
The XYZ color **23.5484, 25.9774, 27.4399** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7165, 23.7616, 26.6302**, and the grayscale version is **24.2153, 25.4764, 27.7438**.

A 20% lighter version of the original color is **48.8014, 53.3879, 56.4480**, and **9.0271, 10.1363, 10.4975** is the 20% darker color. If you saturate the color by 10%, you get **21.0488, 24.7414, 24.9775**, and if you desaturate by 10%, it is **26.3787, 27.3821, 30.0635**.

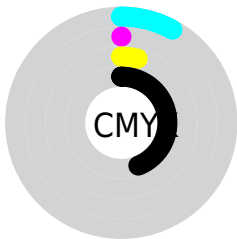
Distribution



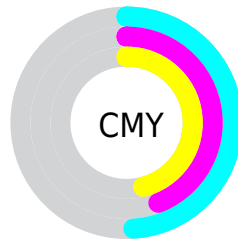
- Red (51%)
- Green (56%)
- Blue (54%)



- Red (51%)
- Yellow (54%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5484, 25.9774, 27.4399 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 23.5484, 25.9774, 27.4399 by changing the saturation by 10% instead.

■ 23.5484, 25.9774,
27.4399

■ 23.5484, 25.9774,
27.4399

263.0124,
282.6711, 303.6081

■ 15.1219, 16.8067,
17.6685

■ 48.7523, 53.2385,
56.6013

■ 8.9918, 10.0968,
10.5453

■ 66.2604, 72.0977,
76.8283

■ 4.7929, 5.4632,
5.6517

■ 87.5264, 94.9552,
101.3777

■ 2.1598, 2.5215,
2.5691

112.9157,
122.1954, 130.6679

■ 0.7214, 0.8874,
0.8764

142.7935,
154.2027, 165.1175

■ 0.0000, 0.0000,
0.0000

177.5254,

191.3615, 205.1450

217.4765,
234.0562, 251.1690

■ 23.5484, 25.9774,
27.4399

■ 23.5484, 25.9774,
27.4399

■ 21.0488, 24.7414,
24.9775

■ 26.3787, 27.3821,
30.0635

■ 18.8650, 23.6644,
22.6716

■ 29.5494, 28.9582,
32.8497

■ 16.9842, 22.7405,
20.5194

■ 33.0726, 30.7128,
35.8019

■ 15.3919, 21.9623,
18.5177

■ 36.9591, 32.6513,
38.9230

■ 14.0723, 21.3218,
16.6631

■ 41.2193, 34.7791,
42.2157

■ 13.0082, 20.8100,
14.9518

■ 45.8630, 37.1011,
45.6827

■ 12.1801, 20.4170,
13.3801

■ 50.8998, 39.6222,
49.3266

■ 11.5655, 20.1313,
11.9438

■ 56.3389, 42.3472,
53.1500

■ 11.1210, 19.9306,
10.6380

■ 60.7759, 44.5519,
57.0894

Harmonies

Analogous

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



23.8447, 25.9774, 25.9513



23.5484, 25.9774, 27.4399



23.5546, 25.9774, 29.2175

Triad

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



23.5484, 25.9774, 27.4399



25.0142, 25.9774, 31.7203



25.5386, 25.9774, 25.9038

Complementary

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



23.5484, 25.9774, 27.4399



23.7165, 23.7616, 26.6302

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.



25.8628, 25.9774, 27.3725



23.5484, 25.9774, 27.4399



25.5566, 25.9774, 30.7545

Square

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



23.5484, 25.9774, 27.4399



24.3939, 25.9774, 31.7402



25.8694, 25.9774, 29.1472



24.9900, 25.9774, 25.0901

Rectangle

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



23.5484, 25.9774, 27.4399



23.7293, 25.9774, 30.3295



25.8694, 25.9774, 29.1472



25.6778, 25.9774, 26.3345

Sweetspot

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



23.5491, 25.9785, 27.4405



44.2995, 47.1842, 50.9910



23.9456, 26.2313, 25.2741



9.9096, 10.5463, 11.4030



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.5491, 25.9785, 27.4405



40.8550, 45.4768, 47.7442



23.8619, 26.0165, 29.3565



5.4582, 6.0755, 6.3785



9.9110, 17.8603, 9.3514



0.1059, 0.1752, 0.1480

Inverse Universe

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



23.7165, 23.7616, 26.6302



41.2016, 40.8853, 46.0661



23.4185, 23.7213, 24.8175



5.5044, 5.4623, 6.1544



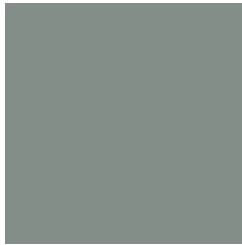
10.8702, 5.5051, 4.9678



0.1148, 0.0570, 0.1048

Previews

White Background



This preview shows how the XYZ color 23.5484, 25.9774, 27.4399 looks on a white background.

Color Contrast Check

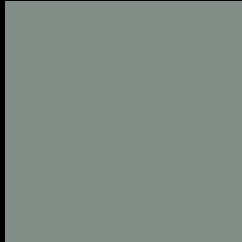
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5484, 25.9774, 27.4399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

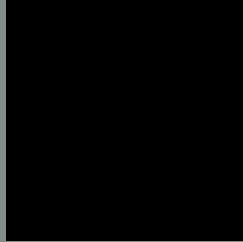
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

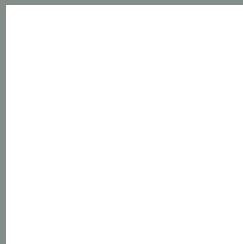
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5484, 25.9774, 27.4399

Background



This preview shows how black text looks on a background with the XYZ color 23.5484, 25.9774, 27.4399.



This preview shows how white text looks on a background with the XYZ color 23.5484, 25.9774,

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

23.5484, 25.9774, 27.4399

Protanopia

24.9335, 26.0541, 26.6365

Deuteranopia

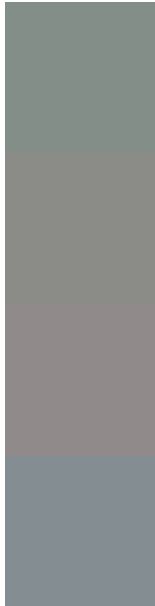
26.3883, 25.9352, 27.6599



Tritanopia

24.6369, 25.9771, 32.9937

Trichromacy



Original Color

23.5484, 25.9774, 27.4399

Protanomaly

24.4695, 26.0227, 27.0258

Deuteranomaly

25.3530, 26.0317, 27.7331

Tritanomaly

24.2289, 26.0306, 30.9415

Monochromacy



Original Color

23.5484, 25.9774, 27.4399

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8117, 25.4511, 27.7023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5484, 25.9774, 27.4399 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(131, 142, 137) looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 137)  
}
```

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(131, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.5484, 25.9774, 27.4399 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(131, 142, 137) }
```


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

```
.border{ border-color:rgb(131, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5484, 25.9774, 27.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 137) }
```

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

```
.background{ background-color: rgb(131,  
142, 137) }
```

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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