

Converting Colors

XYZ(23.3606, 25.6365, 24.0811)

Have a look what the booklet for
XYZ(23.3606, 25.6365, 24.0811)
contains.

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Color

**XYZ(23.4128, 25.7592,
24.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	878D80
RGB	135, 141, 128
RGB Percent	53%, 55%, 50%
CMY	0.4706, 0.4470, 0.4980
CMYK	0.04, 0.00, 0.09, 0.45
HSL	88°, 5%, 53%
HSV	88°, 9%, 55%
XYZ	23.4128, 25.7592, 24.1601
YIQ	137.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

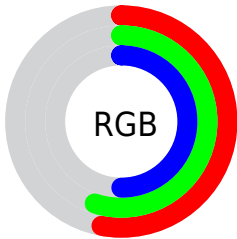
Format	Color
R_{YB}	128, 141, 134
Decimal	8883584
CIE _{Lab}	57.81, -4.71, 6.17
CIE _{LCh}	58, 7.763, 127.318
Yxy	25.7592, 0.3193, 0.3513
Android (android.graphics.Color)	4287073664 (0xFF878D80)
YUV	137.7240, -4.7939, -2.3889
Hunter-Lab	50.7535, -6.4759, 7.3038

Details

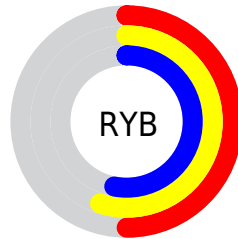
The XYZ color **23.4128, 25.7592, 24.1601** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3595, 22.4305, 28.3518**, and the grayscale version is **24.0705, 25.3240, 27.5778**.

A 20% lighter version of the original color is **48.5946, 53.0578, 51.3960**, and **8.8987, 9.9780, 8.8541** is the 20% darker color. If you saturate the color by 10%, you get **21.5330, 24.8908, 19.5595**, and if you desaturate by 10%, it is **25.4871, 26.7145, 29.4442**.

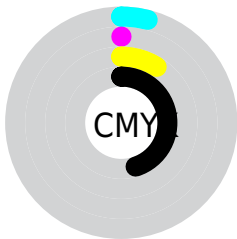
Distribution



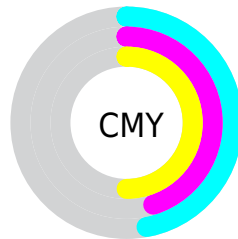
- Red (53%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4128, 25.7592, 24.1601 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 23.4128, 25.7592, 24.1601 by changing the saturation by 10% instead.

■ 23.4128, 25.7592,
24.1601

■ 23.4128, 25.7592,
24.1601

262.3341,
281.5980, 286.9415

■ 15.0210, 16.6436,
15.2391

■ 48.5319, 52.8862,
51.2384

■ 8.9205, 9.9807,
8.8389

■ 65.9900, 71.6664,
70.2329

■ 4.7461, 5.3862,
4.5409

■ 87.2008, 94.4369,
93.4222

■ 2.1323, 2.4756,
1.9265

112.5298,
121.5821, 121.2250

■ 0.7067, 0.8644,
0.5095

142.3422,
153.4865, 154.0598

■ 0.0000, 0.0000,
0.0000

177.0035,

190.5343, 192.3451

216.8790,
233.1100, 236.4995

■ 23.4128, 25.7592,
24.1601

■ 23.4128, 25.7592,
24.1601

■ 21.5330, 24.8908,
19.5595

■ 25.4871, 26.7145,
29.4442

■ 19.8392, 24.1032,
15.6127

■ 27.7598, 27.7558,
35.4365

■ 18.3252, 23.3947,
12.2906

■ 30.2375, 28.8868,
42.1623

■ 16.9838, 22.7622,
9.5610

■ 32.9256, 30.1098,
49.6454

■ 15.8070, 22.2024,
7.3889

■ 35.8297, 31.4270,
57.9083

■ 14.7863, 21.7117,
5.7355

■ 38.9546, 32.8405,
66.9728

■ 13.9120, 21.2862,
4.5572

■ 42.3054, 34.3526,
76.8598

■ 13.1732, 20.9212,
3.8033

■ 45.8869, 35.9651,
87.5892

■ 12.5445, 20.6065,
3.3478

■ 49.7036, 37.6801,
99.1804

Harmonies

Analogous

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



24.2558, 25.7592, 23.2581



23.4128, 25.7592, 24.1601



22.8666, 25.7592, 26.1142

Triad

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



23.4128, 25.7592, 24.1601



23.7987, 25.7592, 33.0549



26.3044, 25.7592, 27.3986

Complementary

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



23.4128, 25.7592, 24.1601



22.3595, 22.4305, 28.3518

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.



26.1745, 25.7592, 30.0737



23.4128, 25.7592, 24.1601



24.7123, 25.7592, 33.4528

Square

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



23.4128, 25.7592, 24.1601



23.0855, 25.7592, 31.2757



25.5860, 25.7592, 32.3308



25.9365, 25.7592, 25.0493

Rectangle

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



23.4128, 25.7592, 24.1601



22.7363, 25.7592, 27.8079



25.5860, 25.7592, 32.3308



26.3176, 25.7592, 28.2883

Sweetspot

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



23.4135, 25.7603, 24.1607



44.1720, 47.1637, 48.9433



23.3862, 24.2310, 23.8669



9.8032, 10.5053, 10.7714



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.



23.4135, 25.7603, 24.1607



41.2216, 45.8042, 41.5089



22.4221, 25.2492, 24.1143



5.6027, 6.1633, 5.7837



11.4137, 18.7766, 3.0227



0.1346, 0.1926, 0.0301

Inverse Universe

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



22.3595, 22.4305, 28.3518



38.9525, 38.6353, 50.5322



23.4022, 22.9680, 28.4006



5.3514, 5.3693, 6.7831



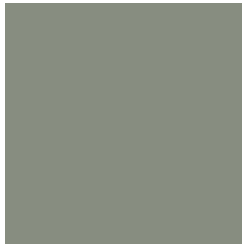
6.3955, 2.7906, 23.1786



0.0861, 0.0396, 0.2228

Previews

White Background



This preview shows how the XYZ color 23.4128, 25.7592, 24.1601 looks on a white background.

Color Contrast Check

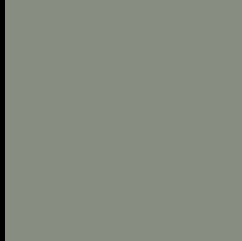
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4128, 25.7592, 24.1601 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

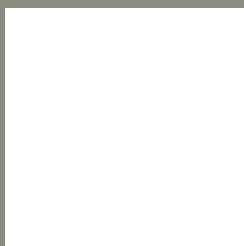
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4128, 25.7592, 24.1601

Background



This preview shows how black text looks on a background with the XYZ color 23.4128, 25.7592, 24.1601.



This preview shows how white text looks on a background with the XYZ color 23.4128, 25.7592,

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

23.4128, 25.7592, 24.1601

Protanopia

24.4208, 25.6386, 23.7403

Deuteranopia

26.1978, 25.7031, 24.3493



Tritanopia

24.9945, 25.7502, 32.0867

Trichromacy



Original Color

23.4128, 25.7592, 24.1601

Protanomaly

24.0479, 25.6603, 23.7641

Deuteranomaly

25.1209, 25.7722, 24.4194

Tritanomaly

24.3569, 25.7067, 28.8774

Monochromacy



Original Color

23.4128, 25.7592, 24.1601

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8522, 25.5048, 26.2200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4128, 25.7592, 24.1601 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(135, 141, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 128)  
}
```

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(135, 141, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.4128, 25.7592, 24.1601 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(135, 141, 128) }
```


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

```
.border{ border-color:rgb(135, 141, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 141, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 141, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 141, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 141,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4128, 25.7592, 24.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 128) }
```

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

```
.background{ background-color: rgb(135,  
141, 128) }
```

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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