

Converting Colors

XYZ(23.6963, 25.6394, 24.2582)

Have a look what the booklet for
XYZ(23.6963, 25.6394, 24.2582)
contains.

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Color

**XYZ(23.7556, 25.7180,
24.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8C80
RGB	138, 140, 128
RGB Percent	54%, 55%, 50%
CMY	0.4588, 0.4510, 0.4980
CMYK	0.01, 0.00, 0.09, 0.45
HSL	70°, 5%, 53%
HSV	70°, 9%, 55%
XYZ	23.7556, 25.7180, 24.1341
YIQ	138.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

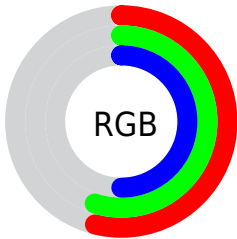
Format	Color
R_{YB}	128, 140, 130
Decimal	9079936
CIE Lab	57.77, -3.01, 6.15
CIE LCh	58, 6.848, 116.113
Yxy	25.7180, 0.3227, 0.3494
Android (android.graphics.Color)	4287270016 (0xFF8A8C80)
YUV	138.0340, -4.9468, -0.0298
Hunter-Lab	50.7129, -5.1323, 7.2831

Details

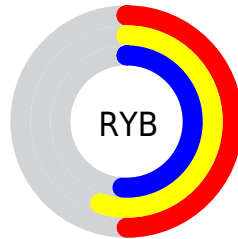
The XYZ color **23.7556, 25.7180, 24.1341** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6598, 22.0784, 27.9323**, and the grayscale version is **24.1886, 25.4483, 27.7132**.

A 20% lighter version of the original color is **49.1181, 52.9961, 51.3565**, and **9.0919, 9.9515, 8.8388** is the 20% darker color. If you saturate the color by 10%, you get **22.5148, 25.1783, 19.5931**, and if you desaturate by 10%, it is **25.1333, 26.3151, 29.3464**.

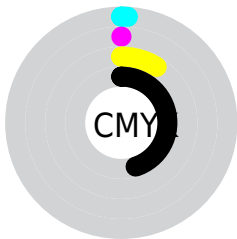
Distribution



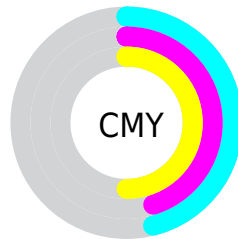
- Red (54%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7556, 25.7180, 24.1341 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 23.7556, 25.7180, 24.1341 by changing the saturation by 10% instead.

■ 23.7556, 25.7180,
24.1341

■ 23.7556, 25.7180,
24.1341

264.0460,
281.3950, 286.8061

■ 15.2762, 16.6128,
15.2200

■ 49.0887, 52.8197,
51.1955

■ 9.1010, 9.9588,
8.8256

■ 66.6730, 71.5849,
70.1799

■ 4.8648, 5.3717,
4.5323

■ 88.0231, 94.3389,
93.3582

■ 2.2021, 2.4669,
1.9217

113.5041,
121.4662, 121.1488

■ 0.7438, 0.8600,
0.5065

143.4816,
153.3510, 153.9704

■ 0.0000, 0.0000,
0.0000

178.3209,

190.3778, 192.2414

218.3872,
232.9310, 236.3805

■ 23.7556, 25.7180,
24.1341

■ 23.7556, 25.7180,
24.1341

■ 22.5148, 25.1783,
19.5931

■ 25.1333, 26.3151,
29.3464

■ 21.4035, 24.6906,
15.6944

■ 26.6508, 26.9682,
35.2540

■ 20.4170, 24.2537,
12.4094

■ 28.3134, 27.6803,
41.8819

■ 19.5491, 23.8652,
9.7069

■ 30.1256, 28.4532,
49.2531

■ 18.7934, 23.5225,
7.5527

■ 32.0915, 29.2887,
57.3898

■ 18.1426, 23.2228,
5.9090

■ 34.2154, 30.1882,
66.3131

■ 17.5887, 22.9626,
4.7334

■ 36.5010, 31.1535,
76.0436

■ 17.1222, 22.7384,
3.9767

■ 38.9523, 32.1861,
86.6008

■ 16.7218, 22.5415,
3.5270

■ 41.5728, 33.2873,
98.0037

Harmonies

Analogous

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



24.5514, 25.7180, 23.7277



23.7556, 25.7180, 24.1341



23.1564, 25.7180, 25.5554

Triad

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



23.7556, 25.7180, 24.1341



23.5741, 25.7180, 31.9278



26.0541, 25.7180, 28.3103

Complementary

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



23.7556, 25.7180, 24.1341



21.6598, 22.0784, 27.9323

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.



25.7789, 25.7180, 30.6010



23.7556, 25.7180, 24.1341



24.3373, 25.7180, 32.7622

Square

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



23.7556, 25.7180, 24.1341



23.0532, 25.7180, 30.0410



25.1460, 25.7180, 32.2637



25.8900, 25.7180, 26.0585

Rectangle

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



23.7556, 25.7180, 24.1341



22.9428, 25.7180, 26.9308



25.1460, 25.7180, 32.2637



26.0097, 25.7180, 29.1023

Sweetspot

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



23.7563, 25.7191, 24.1347



43.1886, 45.9081, 47.4615



22.6950, 23.1000, 23.6850



9.9095, 10.5601, 10.7764



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.



23.7563, 25.7191, 24.1347



41.5066, 45.1788, 41.1572



22.7910, 25.2215, 24.0895



5.3505, 5.8034, 5.3906



14.8219, 20.0109, 3.0813



0.1085, 0.1381, 0.0209

Inverse Universe

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



21.6598, 22.0784, 27.9323



37.1519, 37.6165, 49.0456



22.6070, 22.5667, 27.9767



4.8474, 4.9298, 6.3019



4.5398, 1.8545, 22.1644



0.0386, 0.0167, 0.1476

Previews

White Background



This preview shows how the XYZ color 23.7556, 25.7180, 24.1341 looks on a white background.

Color Contrast Check

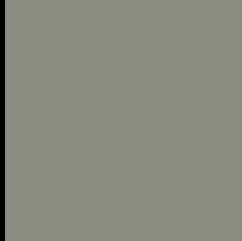
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7556, 25.7180, 24.1341 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

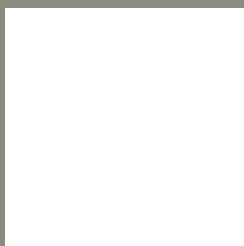
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7556, 25.7180, 24.1341

Background



This preview shows how black text looks on a background with the XYZ color 23.7556, 25.7180, 24.1341.



This preview shows how white text looks on a background with the XYZ color 23.7556, 25.7180,

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

23.7556, 25.7180, 24.1341

Protanopia

24.4208, 25.6386, 23.7403

Deuteranopia

26.1978, 25.7031, 24.3493



Tritanopia

25.2755, 25.6922, 31.6439

Trichromacy



Original Color

23.7556, 25.7180, 24.1341

Protanomaly

24.2187, 25.7483, 23.7721

Deuteranomaly

25.1610, 25.5829, 24.3807

Tritanomaly

24.7114, 25.6755, 28.8527

Monochromacy



Original Color

23.7556, 25.7180, 24.1341

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0169, 25.5897, 26.2277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7556, 25.7180, 24.1341 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(138, 140, 128)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 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(138, 140, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.7556, 25.7180, 24.1341 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(138, 140, 128) }
```


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

```
.border{ border-color:rgb(138, 140, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 140, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 140, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 140, 128);  
box-shadow:4px 4px 4px 4px rgb(138, 140,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7556, 25.7180, 24.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 128) }
```

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

```
.background{ background-color: rgb(138,  
140, 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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