

Converting Colors

XYZ(24.4559, 27.3010, 22.8997)

Have a look what the booklet for
XYZ(24.4559, 27.3010, 22.8997)
contains.

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Color

**XYZ(24.4110, 27.1950,
23.0313)**

Conversions

Conversions Part 1

Format	Color
Hex	8B917C
RGB	139, 145, 124
RGB Percent	55%, 57%, 49%
CMY	0.4549, 0.4314, 0.5137
CMYK	0.04, 0.00, 0.14, 0.43
HSL	77°, 9%, 53%
HSV	77°, 14%, 57%
XYZ	24.4110, 27.1950, 23.0313
YIQ	140.8120, 3.1650, -7.8030

Conversions

Conversions Part 2

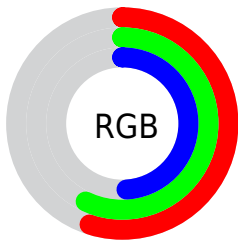
Format	Color
RYB	124, 145, 130
Decimal	9146748
CIELab	59.15, -6.12, 10.41
CIELCh	59, 12.076, 120.440
Yxy	27.1950, 0.3271, 0.3644
Android (android.graphics.Color)	4287336828 (0xFF8B917C)
YUV	140.8120, -8.2883, -1.5891
Hunter-Lab	52.1488, -7.7041, 10.3190

Details

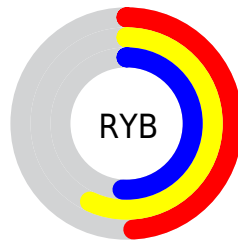
The XYZ color **24.4110, 27.1950, 23.0313** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5253, 21.2061, 29.7482**, and the grayscale version is **25.2750, 26.5913, 28.9579**.

A 20% lighter version of the original color is **50.3516, 55.3586, 49.6264**, and **9.4820, 10.8163, 8.2446** is the 20% darker color. If you saturate the color by 10%, you get **22.8820, 26.5058, 18.5199**, and if you desaturate by 10%, it is **26.1026, 27.9540, 28.2554**.

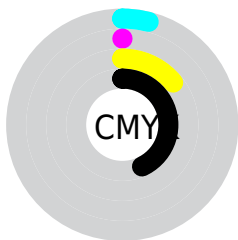
Distribution



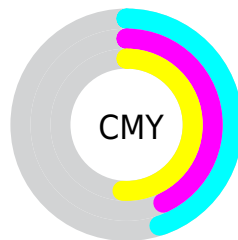
- Red (55%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4110, 27.1950, 23.0313 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 24.4110, 27.1950, 23.0313 by changing the saturation by 10% instead.

■ 24.4110, 27.1950,
23.0313

■ 24.4110, 27.1950,
23.0313

267.2939,
288.6000, 281.0128

■ 15.7652, 17.7197,
14.4111

■ 50.1499, 55.1966,
49.3686

■ 9.4479, 10.7490,
8.2651

■ 67.9736, 74.4918,
67.9227

■ 5.0939, 5.8983,
4.1749

■ 89.5874, 97.8290,
90.6253

■ 2.3378, 2.7833,
1.7218

115.3565,
125.5927, 117.8947

■ 0.8139, 1.0197,
0.3756

145.6464,
158.1672, 150.1497

■ 0.0000, 0.0000,
0.0000

180.8223,

195.9370, 187.8087

221.2497,
239.2865, 231.2902

■ 24.4110, 27.1950,
23.0313

■ 24.4110, 27.1950,
23.0313

■ 22.8820, 26.5058,
18.5199

■ 26.1026, 27.9540,
28.2554

■ 21.5072, 25.8805,
14.6884

■ 27.9604, 28.7817,
34.2195

■ 20.2807, 25.3174,
11.5045

■ 29.9906, 29.6814,
40.9515

■ 19.1956, 24.8138,
8.9320

■ 32.1984, 30.6552,
48.4773

■ 18.2439, 24.3665,
6.9317

■ 34.5887, 31.7053,
56.8218

■ 17.4170, 23.9720,
5.4593

■ 37.1664, 32.8334,
66.0087

■ 16.7050, 23.6262,
4.4644

■ 39.9359, 34.0416,
76.0606

■ 16.0956, 23.3243,
3.8834

■ 42.9018, 35.3315,
86.9996

■ 15.7842, 23.1688,
3.6401

■ 46.0682, 36.7049,
98.8465

Harmonies

Analogous

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



25.8258, 27.1950, 22.0798



24.4110, 27.1950, 23.0313



23.4143, 27.1950, 25.7114

Triad

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



24.4110, 27.1950, 23.0313



24.4480, 27.1950, 37.4114



28.8477, 27.1950, 29.5472

Complementary

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



24.4110, 27.1950, 23.0313



21.5253, 21.2061, 29.7482

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.



28.4449, 27.1950, 33.8856



24.4110, 27.1950, 23.0313



25.8702, 27.1950, 38.6846

Square

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



24.4110, 27.1950, 23.0313



23.4350, 27.1950, 34.0061



27.3404, 27.1950, 37.3372



28.4212, 27.1950, 25.6114

Rectangle

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



24.4110, 27.1950, 23.0313



23.1010, 27.1950, 28.2570



27.3404, 27.1950, 37.3372



28.8046, 27.1950, 31.0071

Sweetspot

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



24.4117, 27.1962, 23.0319



46.8711, 50.1159, 51.0008



23.2920, 23.4278, 22.3635



10.3781, 11.1270, 11.1918



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.



24.4117, 27.1962, 23.0319



42.9002, 48.3349, 38.7974



22.7494, 26.3392, 22.9541



5.6914, 6.2091, 5.7879



13.5642, 19.8852, 3.1233



0.1514, 0.2013, 0.0309

Inverse Universe

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



21.5253, 21.2061, 29.7482



36.8274, 35.7312, 52.9294



23.2106, 22.0749, 29.8270



5.2654, 5.3250, 6.7791



5.2063, 2.1776, 23.1230



0.0693, 0.0309, 0.2220

Previews

White Background



This preview shows how the XYZ color 24.4110, 27.1950, 23.0313 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 24.4110, 27.1950, 23.0313 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

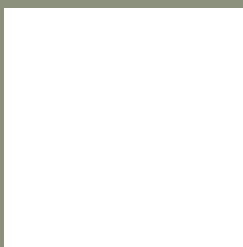
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4110, 27.1950, 23.0313

Background



This preview shows how black text looks on a background with the XYZ color 24.4110, 27.1950, 23.0313.



This preview shows how white text looks on a background with the XYZ color 24.4110, 27.1950,

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

24.4110, 27.1950, 23.0313

Protanopia

25.5803, 27.1407, 22.3028

Deuteranopia

27.6118, 27.0791, 23.5101



Tritanopia

26.5201, 27.1564, 33.5497

Trichromacy



Original Color

24.4110, 27.1950, 23.0313

Protanomaly

25.0747, 27.0947, 22.6471

Deuteranomaly

26.4062, 27.1069, 23.2424

Tritanomaly

25.7108, 27.0498, 29.4572

Monochromacy



Original Color

24.4110, 27.1950, 23.0313

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8614, 26.6707, 26.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4110, 27.1950, 23.0313 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(139, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 124)  
}
```

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(139, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.4110, 27.1950, 23.0313 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(139, 145, 124) }
```


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

```
.border{ border-color:rgb(139, 145, 124) }
```

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

Here you see how a box with a 4 pixel rgb(139, 145, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 145, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 145, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 145,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4110, 27.1950, 23.0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 124) }
```

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

```
.background{ background-color: rgb(139,  
145, 124) }
```

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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