

Converting Colors

XYZ(23.3187, 21.5863, 18.6127)

Have a look what the booklet for
XYZ(23.3187, 21.5863, 18.6127)
contains.

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Color

**XYZ(23.4074, 21.6931,
18.5763)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7871
RGB	156, 120, 113
RGB Percent	61%, 47%, 44%
CMY	0.3882, 0.5294, 0.5569
CMYK	0.00, 0.23, 0.28, 0.39
HSL	10°, 18%, 53%
HSV	10°, 28%, 61%
XYZ	23.4074, 21.6931, 18.5763
YIQ	129.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

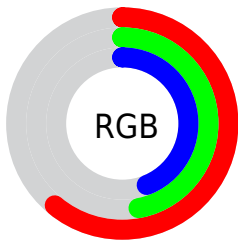
Format	Color
R_{YB}	156, 121, 113
Decimal	10254449
CIE _{Lab}	53.70, 12.98, 9.25
CIE _{LCh}	54, 15.934, 35.474
Yxy	21.6931, 0.3676, 0.3407
Android (android.graphics.Color)	4288444529 (0xFF9C7871)
YUV	129.9660, -8.3642, 22.8318
Hunter-Lab	46.5759, 8.2001, 8.9559

Details

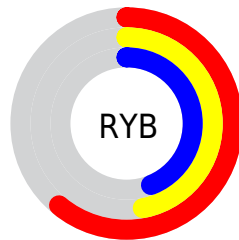
The XYZ color **23.4074, 21.6931, 18.5763** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5580, 27.4051, 35.5007**, and the grayscale version is **21.2293, 22.3349, 24.3227**.

A 20% lighter version of the original color is **48.4080, 46.0705, 41.9384**, and **8.9163, 7.8312, 6.0427** is the 20% darker color. If you saturate the color by 10%, you get **21.1387, 18.4423, 13.8531**, and if you desaturate by 10%, it is **26.0425, 25.4347, 24.1669**.

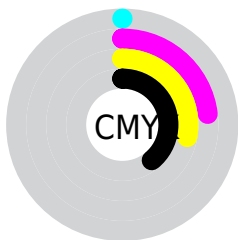
Distribution



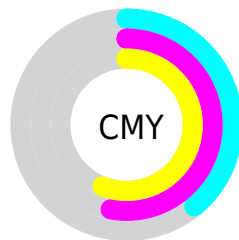
- Red (61%)
- Green (47%)
- Blue (44%)



- Red (61%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (39%)





- Cyan (39%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4074, 21.6931, 18.5763 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 23.4074, 21.6931, 18.5763 by changing the saturation by 10% instead.


 23.4074, 21.6931,
18.5763


 23.4074, 21.6931,
18.5763


262.3071,
260.9394, 256.4439


 15.0170, 13.6316,
11.1908


 48.5232, 46.2382,
41.8440


 8.9177, 7.8649,
6.0796


 65.9792, 63.4906,
58.5634

 4.7442, 4.0086,
2.8239

 87.1878, 84.5754,
79.2310

 2.1312, 1.6784,
1.0055

 112.5144,
109.8770, 104.2656

 0.7061, 0.4096,
0.0000

142.3242,
139.7798, 134.0857

 0.0000, 0.0000,
0.0000

176.9827,

174.6682, 169.1097

216.8552,
214.9266, 209.7563

■ 23.4074, 21.6931,
18.5763

■ 23.4074, 21.6931,
18.5763

■ 21.1387, 18.4423,
13.8531

■ 26.0425, 25.4347,
24.1669

■ 19.2183, 15.6591,
9.9526

■ 29.0576, 29.6833,
30.6642

■ 17.6291, 13.3227,
6.8278

■ 32.4676, 34.4580,
38.1064

■ 16.3521, 11.4095,
4.4264

■ 36.2862, 39.7759,
46.5293

■ 15.3660, 9.8939,
2.6900

■ 40.5264, 45.6535,
55.9669

■ 14.6469, 8.7474,
1.5506

■ 45.2006, 52.1065,
66.4514

■ 14.1605, 7.9350,
0.8944

■ 50.3208, 59.1500,
78.0136

■ 14.0667, 7.7807,
0.7604

■ 55.8983, 66.7985,
90.6831

■ 61.9443, 75.0660,
104.4884

Harmonies

Analogous

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



24.0598, 21.6931, 22.7351



23.4074, 21.6931, 18.5763



22.0107, 21.6931, 16.0619

Triad

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



23.4074, 21.6931, 18.5763



17.7757, 21.6931, 19.9307



20.9332, 21.6931, 34.2616

Complementary

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



23.4074, 21.6931, 18.5763



23.5580, 27.4051, 35.5007

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.



19.2866, 21.6931, 33.2406



23.4074, 21.6931, 18.5763



17.5223, 21.6931, 24.5278

Square

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



23.4074, 21.6931, 18.5763



18.7727, 21.6931, 16.7650



18.0607, 21.6931, 29.5030



22.5817, 21.6931, 32.1276

Rectangle

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



23.4074, 21.6931, 18.5763



20.8786, 21.6931, 15.4373



18.0607, 21.6931, 29.5030



20.3609, 21.6931, 34.2790

Sweetspot

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



23.4080, 21.6941, 18.5767



52.4312, 53.4279, 54.9455



25.0845, 21.0660, 31.4087



11.3575, 11.5039, 11.7013



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.4080, 21.6941, 18.5767



39.9284, 35.7026, 28.3336



26.2086, 27.2954, 19.5103



6.7160, 6.8120, 6.9465



11.6046, 6.4448, 0.6323



0.2290, 0.1582, 0.0185

Inverse Universe

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



23.5580, 27.4051, 35.5007



40.2412, 47.8069, 64.2335



20.5367, 21.3627, 34.4936



6.7298, 7.3254, 8.4659



11.6045, 15.3005, 28.2489



0.2299, 0.3183, 0.5126

Previews

White Background



This preview shows how the XYZ color 23.4074, 21.6931, 18.5763 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 23.4074, 21.6931, 18.5763 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 23.4074, 21.6931, 18.5763

Background



This preview shows how black text looks on a background with the XYZ color 23.4074, 21.6931, 18.5763.



This preview shows how white text looks on a background with the XYZ color 23.4074, 21.6931,

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

23.4074, 21.6931, 18.5763

Protanopia

20.7616, 21.7910, 19.9415

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

24.4097, 21.7583, 22.9919

Trichromacy



Original Color

23.4074, 21.6931, 18.5763

Protanomaly

21.6413, 21.6790, 19.5668

Deuteranomaly

22.5853, 21.8198, 18.3505

Tritanomaly

24.0143, 21.7669, 21.3481

Monochromacy



Original Color

23.4074, 21.6931, 18.5763

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7464, 21.8659, 22.1432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4074, 21.6931, 18.5763 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(156, 120, 113)` looks like.

```
.text, #text, p{  
    color:rgb(156, 120, 113)  
}
```

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(156, 120, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 120, 113) }
```

Border

The CSS property to change the border of an element to XYZ 23.4074, 21.6931, 18.5763 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(156, 120, 113) }
```


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

```
.border{ border-color:rgb(156, 120, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 120, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 120, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 120, 113);  
box-shadow:4px 4px 4px 4px rgb(156, 120,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4074, 21.6931, 18.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 120, 113) }
```

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

```
.background{ background-color: rgb(156,  
120, 113) }
```

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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