

Converting Colors

XYZ(21.5374, 23.1269, 18.0369)

Have a look what the booklet for
XYZ(21.5374, 23.1269, 18.0369)
contains.

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Color

**XYZ(21.5470, 23.0316,
18.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	8A846E
RGB	138, 132, 110
RGB Percent	54%, 52%, 43%
CMY	0.4588, 0.4823, 0.5686
CMYK	0.00, 0.04, 0.20, 0.46
HSL	47°, 11%, 49%
HSV	47°, 20%, 54%
XYZ	21.5470, 23.0316, 18.0617
YIQ	131.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

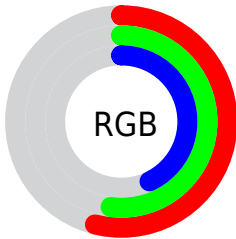
Format	Color
R_{YB}	118, 138, 110
Decimal	9077870
CIE _{Lab}	55.10, -1.61, 12.70
CIE _{LCh}	55, 12.805, 97.237
Yxy	23.0316, 0.3440, 0.3677
Android (android.graphics.Color)	4287267950 (0xFF8A846E)
YUV	131.2860, -10.4940, 5.8882
Hunter-Lab	47.9912, -3.8422, 11.2798

Details

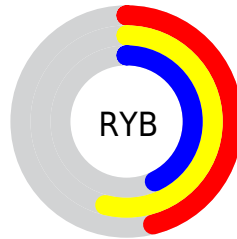
The XYZ color **21.5470, 23.0316, 18.0617** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **17.2632, 17.6404, 26.5401**, and the grayscale version is **21.7099, 22.8405, 24.8733**.

A 20% lighter version of the original color is **45.6088, 48.5130, 41.1425**, and **7.9873, 8.6090, 5.7982** is the 20% darker color. If you saturate the color by 10%, you get **20.4585, 21.9647, 14.2762**, and if you desaturate by 10%, it is **22.7652, 24.1701, 22.4683**.

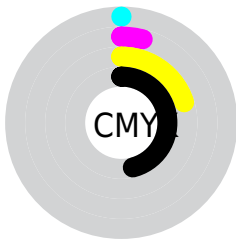
Distribution



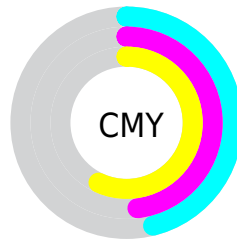
- Red (54%)
- Green (52%)
- Blue (43%)



- Red (46%)
- Yellow (54%)
- Blue (43%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (46%)



- Cyan (46%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5470, 23.0316, 18.0617 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 21.5470, 23.0316, 18.0617 by changing the saturation by 10% instead.

■ 21.5470, 23.0316,
18.0617

■ 21.5470, 23.0316,
18.0617

252.8484,
267.8873, 253.4664

■ 13.6392, 14.6168,
10.8244

■ 45.4806, 48.4452,
40.9578

■ 7.9501, 8.5509,
5.8362

■ 62.2370, 66.2129,
57.4537

■ 4.1146, 4.4494,
2.6786

■ 82.6737, 87.8669,
77.8728

■ 1.7672, 1.9280,
0.9326

■ 107.1561,
113.7918, 102.6337

■ 0.4978, 0.5651,
0.0000

136.0493,
144.3719, 132.1550

■ 0.0000, 0.0000,
0.0000

169.7189,

179.9915, 166.8552

208.5302,
221.0352, 207.1528

■ 21.5470, 23.0316,
18.0617

■ 21.5470, 23.0316,
18.0617

■ 20.4585, 21.9647,
14.2762

■ 22.7652, 24.1701,
22.4683

■ 19.4923, 20.9639,
11.0819

■ 24.1162, 25.3794,
27.5213

■ 18.6430, 20.0278,
8.4486

■ 25.6057, 26.6624,
33.2461

■ 17.9044, 19.1537,
6.3428

■ 27.2382, 28.0213,
39.6665

■ 17.2691, 18.3384,
4.7274

■ 29.0181, 29.4579,
46.8050

■ 16.7292, 17.5788,
3.5604

■ 30.9494, 30.9739,
54.6833

■ 16.2753, 16.8708,
2.7930

■ 33.0363, 32.5712,
63.3220

■ 15.8907, 16.2221,
2.2937

■ 35.2826, 34.2515,
72.7409

■ 37.6920, 36.0162,
82.9590

Harmonies

Analogous

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



22.9698, 23.0316, 18.5068



21.5470, 23.0316, 18.0617



20.2721, 23.0316, 19.3270

Triad

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



21.5470, 23.0316, 18.0617



19.7782, 23.0316, 30.1396



24.5198, 23.0316, 28.2426

Complementary

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



21.5470, 23.0316, 18.0617



17.2632, 17.6404, 26.5401

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.



23.5935, 23.0316, 31.8685



21.5470, 23.0316, 18.0617



20.8463, 23.0316, 33.0441

Square

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



21.5470, 23.0316, 18.0617



19.2801, 23.0316, 26.0805



22.2383, 23.0316, 33.7089



24.7273, 23.0316, 24.1005

Rectangle

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



21.5470, 23.0316, 18.0617



19.6636, 23.0316, 21.0607



22.2383, 23.0316, 33.7089



24.2802, 23.0316, 29.5750

Sweetspot

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



21.5476, 23.0326, 18.0622



41.0891, 43.4751, 43.1692



19.2137, 17.8179, 18.9701



9.1878, 9.7258, 9.5771



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.5476, 23.0326, 18.0622



37.1432, 39.7889, 28.8884



21.1194, 24.0541, 18.2819



5.3417, 5.6662, 5.3645



14.5802, 14.8948, 2.1065



0.1073, 0.1199, 0.0175

Inverse Universe

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



17.2632, 17.6404, 26.5401



28.2847, 28.6409, 46.4207



17.6258, 16.8340, 26.3653



4.8559, 5.0547, 6.3256



4.6309, 2.5321, 22.2903



0.0398, 0.0349, 0.1511

Previews

White Background



This preview shows how the XYZ color 21.5470, 23.0316, 18.0617 looks on a white background.

Color Contrast Check

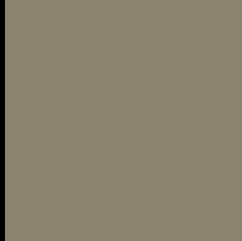
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5470, 23.0316, 18.0617 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

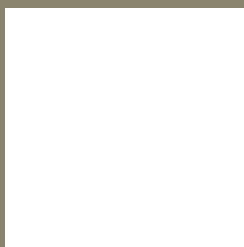
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5470, 23.0316, 18.0617

Background



This preview shows how black text looks on a background with the XYZ color 21.5470, 23.0316, 18.0617.



This preview shows how white text looks on a background with the XYZ color 21.5470, 23.0316,

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

21.5470, 23.0316, 18.0617

Protanopia

21.7132, 23.1173, 18.0695

Deuteranopia

23.4075, 23.0018, 18.2450



Tritanopia

23.4619, 23.0241, 27.2523

Trichromacy



Original Color

21.5470, 23.0316, 18.0617

Protanomaly

21.7132, 23.1173, 18.0695

Deuteranomaly

22.7521, 23.0513, 18.2891

Tritanomaly

22.7310, 22.9217, 23.6484

Monochromacy



Original Color

21.5470, 23.0316, 18.0617

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.5230, 22.7310, 21.9920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5470, 23.0316, 18.0617 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, 132, 110)` looks like.

```
.text, #text, p{  
    color:rgb(138, 132, 110)  
}
```

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, 132, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 132, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.5470, 23.0316, 18.0617 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, 132, 110) }
```


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

```
.border{ border-color:rgb(138, 132, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 132, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 132, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 132, 110);  
box-shadow:4px 4px 4px 4px rgb(138, 132,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5470, 23.0316, 18.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 132, 110) }
```

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

```
.background{ background-color: rgb(138,  
132, 110) }
```

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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