

Converting Colors

XYZ(21.3430, 18.4868, 24.0707)

Have a look what the booklet for
XYZ(21.3430, 18.4868, 24.0707)
contains.

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Color

**XYZ(21.3134, 18.4748,
23.9154)**

Conversions

Conversions Part 1

Format	Color
Hex	926C83
RGB	146, 108, 131
RGB Percent	57%, 42%, 51%
CMY	0.4274, 0.5765, 0.4863
CMYK	0.00, 0.26, 0.10, 0.43
HSL	324°, 15%, 50%
HSV	324°, 26%, 57%
XYZ	21.3134, 18.4748, 23.9154
YIQ	121.9840, 15.2650, 15.2090

Conversions

Conversions Part 2

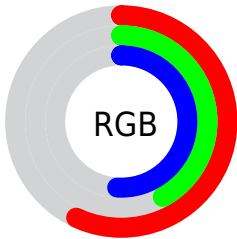
Format	Color
R_{YB}	146, 108, 131
Decimal	9596035
CIE Lab	50.07, 19.00, -6.76
CIE LCh	50, 20.164, 340.405
Yxy	18.4748, 0.3346, 0.2900
Android (android.graphics.Color)	4287786115 (0xFF926C83)
YUV	121.9840, 4.4449, 21.0620
Hunter-Lab	42.9823, 13.2927, -2.9014

Details

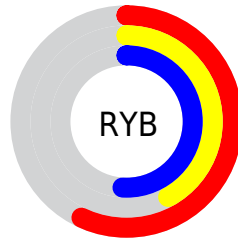
The XYZ color **21.3134, 18.4748, 23.9154** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0392, 25.1766, 22.5435**, and the grayscale version is **18.4764, 19.4386, 21.1686**.

A 20% lighter version of the original color is **45.0420, 40.8817, 50.8644**, and **7.8582, 6.2738, 8.7794** is the 20% darker color. If you saturate the color by 10%, you get **19.5209, 15.4975, 21.4440**, and if you desaturate by 10%, it is **23.3866, 21.9782, 26.5880**.

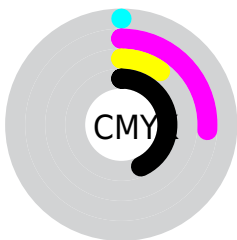
Distribution



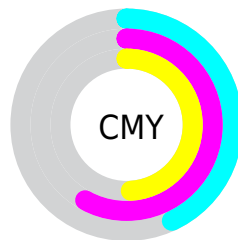
- Red (57%)
- Green (42%)
- Blue (51%)



- Red (57%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (43%)



- Cyan (43%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3134, 18.4748, 23.9154 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 21.3134, 18.4748, 23.9154 by changing the saturation by 10% instead.

■ 21.3134, 18.4748,
23.9154

■ 21.3134, 18.4748,
23.9154

251.6397,
243.5338, 285.6653

■ 13.4670, 11.2914,
15.0593

■ 45.0959, 40.8447,
50.8342

■ 7.8301, 6.2632,
8.7139

■ 61.7627, 56.8000,
69.7340

■ 4.0373, 3.0058,
4.4608

■ 82.1005, 76.4481,
92.8187

■ 1.7233, 1.1347,
1.8814

■ 106.4744,
100.1734, 120.5068

■ 0.4708, 0.0074,
0.4808

135.2500,
128.3602, 153.2170

■ 0.0000, 0.0000,
0.0000

168.7925,

161.3929, 191.3678

207.4673,
199.6560, 235.3777

■ 21.3134, 18.4748,
23.9154

■ 21.3134, 18.4748,
23.9154

■ 19.5209, 15.4975,
21.4440

■ 23.3866, 21.9782,
26.5880

■ 17.9943, 13.0180,
19.1665

■ 25.7511, 26.0292,
29.4665

■ 16.7199, 11.0091,
17.0769

■ 28.4191, 30.6512,
32.5566

■ 15.6818, 9.4400,
15.1679

■ 31.4013, 35.8655,
35.8637

■ 14.8627, 8.2763,
13.4320

■ 34.7082, 41.6921,
39.3928

■ 14.2422, 7.4780,
11.8605

■ 38.3497, 48.1504,
43.1487

■ 13.7907, 6.9864,
10.4414

■ 42.3350, 55.2586,
47.1361

■ 13.6308, 6.8217,
9.9102

■ 46.6733, 63.0344,
51.3594

■ 51.3733, 71.4947,
55.8230

Harmonies

Analogous

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



20.0902, 18.4748, 29.3963



21.3134, 18.4748, 23.9154



21.4899, 18.4748, 18.2476

Triad

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



21.3134, 18.4748, 23.9154



16.8946, 18.4748, 11.3322



14.8698, 18.4748, 27.8651

Complementary

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



21.3134, 18.4748, 23.9154



20.0392, 25.1766, 22.5435

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.



14.1406, 18.4748, 22.1076



21.3134, 18.4748, 23.9154



15.2512, 18.4748, 13.0286

Square

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



21.3134, 18.4748, 23.9154



18.8406, 18.4748, 11.6370



14.2749, 18.4748, 16.7418



16.3383, 18.4748, 31.9515

Rectangle

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



21.3134, 18.4748, 23.9154



20.9773, 18.4748, 15.1793



14.2749, 18.4748, 16.7418



14.5352, 18.4748, 26.0213

Sweetspot

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



21.3139, 18.4756, 23.9158



44.4918, 44.3079, 50.8656



18.6582, 16.9804, 29.4887



9.7661, 9.6307, 11.1572



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.



21.3139, 18.4756, 23.9158



35.7685, 29.5386, 39.7041



20.1662, 18.0165, 17.8716



5.9393, 5.8708, 6.7865



12.0062, 6.0075, 8.7795



0.1615, 0.0793, 0.1841

Inverse Universe

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



21.3139, 18.4756, 23.9158



35.7685, 29.5386, 39.7041



21.3139, 25.6865, 29.2561



5.9393, 5.8708, 6.7865



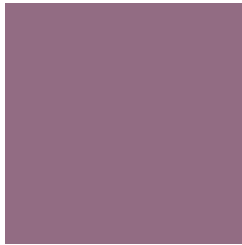
12.0062, 6.0075, 8.7795



0.1615, 0.0793, 0.1841

Previews

White Background



This preview shows how the XYZ color 21.3134, 18.4748, 23.9154 looks on a white background.

Color Contrast Check

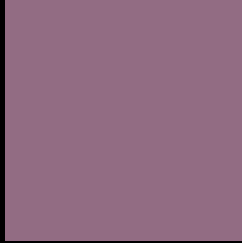
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3134, 18.4748, 23.9154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

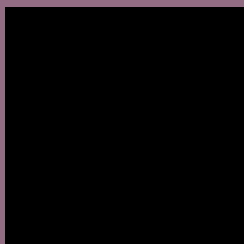
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3134, 18.4748, 23.9154

Background



This preview shows how black text looks on a background with the XYZ color 21.3134, 18.4748, 23.9154.



This preview shows how white text looks on a background with the XYZ color 21.3134, 18.4748,

23.9154.

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

21.3134, 18.4748, 23.9154

Protanopia

18.2683, 18.5048, 26.6537

Deuteranopia

18.8788, 18.5381, 23.7023



Tritanopia

20.4073, 18.4131, 19.9313

Trichromacy



Original Color

21.3134, 18.4748, 23.9154

Protanomaly

19.1429, 18.2959, 25.4442

Deuteranomaly

19.6073, 18.4085, 23.6389

Tritanomaly

20.7208, 18.3871, 21.1958

Monochromacy



Original Color

21.3134, 18.4748, 23.9154

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.4230, 19.0285, 22.0512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3134, 18.4748, 23.9154 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(146, 108, 131)` looks like.

```
.text, #text, p{  
    color:rgb(146, 108, 131)  
}
```

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(146, 108, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 108, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.3134, 18.4748, 23.9154 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(146, 108, 131) }
```


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

```
.border{ border-color:rgb(146, 108, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 108, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 108, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 108, 131);  
box-shadow:4px 4px 4px 4px rgb(146, 108,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3134, 18.4748, 23.9154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 108, 131) }
```

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

```
.background{ background-color: rgb(146,  
108, 131) }
```

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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