

Converting Colors

XYZ(18.2168, 15.4452, 20.0477)

Have a look what the booklet for
XYZ(18.2168, 15.4452, 20.0477)
contains.

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Color

**XYZ(18.3001, 15.5191,
20.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6279
RGB	138, 98, 121
RGB Percent	54%, 38%, 47%
CMY	0.4588, 0.6157, 0.5255
CMYK	0.00, 0.29, 0.12, 0.46
HSL	326°, 17%, 46%
HSV	326°, 29%, 54%
XYZ	18.3001, 15.5191, 20.1201
YIQ	112.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

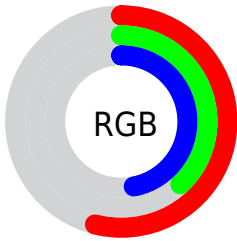
Format	Color
R_{YB}	138, 98, 121
Decimal	9069177
CIE Lab	46.34, 20.02, -6.44
CIE LCh	46, 21.034, 342.175
Yxy	15.5191, 0.3393, 0.2877
Android (android.graphics.Color)	4287259257 (0xFF8A6279)
YUV	112.5820, 4.1501, 22.2916
Hunter-Lab	39.3943, 13.9798, -2.7056

Details

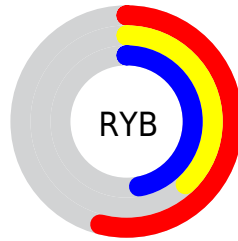
The XYZ color **18.3001, 15.5191, 20.1201** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2206, 22.0119, 19.5618**, and the grayscale version is **15.5574, 16.3676, 17.8244**.

A 20% lighter version of the original color is **40.0285, 35.7185, 44.3198**, and **6.2840, 4.8618, 6.7381** is the 20% darker color. If you saturate the color by 10%, you get **16.7698, 13.0165, 17.8890**, and if you desaturate by 10%, it is **20.0759, 18.4771, 22.5413**.

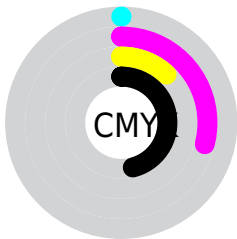
Distribution



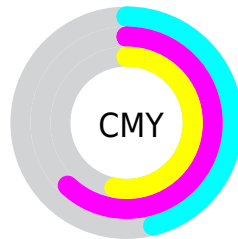
- Red (54%)
- Green (38%)
- Blue (47%)



- Red (54%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (12%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3001, 15.5191, 20.1201 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 18.3001, 15.5191, 20.1201 by changing the saturation by 10% instead.

■ 18.3001, 15.5191,
20.1201

■ 18.3001, 15.5191,
20.1201

235.5702,
226.4871, 265.1903

■ 11.2666, 9.1845,
12.2974

■ 40.0741, 35.7613,
44.4801

■ 6.3151, 4.8617,
6.8216

■ 55.5454, 50.4377,
61.8544

■ 3.0801, 2.1664,
3.2740

■ 74.5600, 68.6635,
83.2498

■ 1.1963, 0.7016,
1.2362

■ 97.4832, 90.8230,
109.0847

■ 0.1034, 0.0000,
0.0086

124.6805,
117.3008, 139.7776

■ 0.0000, 0.0000,
0.0000

156.5172,

148.4811, 175.7472

193.3586,
184.7484, 217.4119

■ 18.3001, 15.5191,
20.1201

■ 18.3001, 15.5191,
20.1201

■ 16.7698, 13.0165,
17.8890

■ 20.0759, 18.4771,
22.5413

■ 15.4717, 10.9442,
15.8412

■ 22.1067, 21.9099,
25.1570

■ 14.3934, 9.2779,
13.9708

■ 24.4033, 25.8380,
27.9730

■ 13.5210, 7.9899,
12.2710

■ 26.9754, 30.2803,
30.9941

■ 12.8383, 7.0492,
10.7345

■ 29.8322, 35.2547,
34.2252

■ 12.3270, 6.4195,
9.3530

■ 32.9824, 40.7781,
37.6709

■ 11.9424, 6.0121,
8.1093

■ 36.4346, 46.8669,
41.3357

■ 11.9053, 5.9729,
7.9888

■ 40.1966, 53.5366,
45.2237

■ 44.2763, 60.8020,
49.3393

Harmonies

Analogous

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



17.2006, 15.5191, 25.3679



18.3001, 15.5191, 20.1201



18.4023, 15.5191, 14.8905

Triad

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



18.3001, 15.5191, 20.1201



14.0319, 15.5191, 8.9368



12.3293, 15.5191, 24.4721

Complementary

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



18.3001, 15.5191, 20.1201



17.2206, 22.0119, 19.5618

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.



11.6168, 15.5191, 19.0775



18.3001, 15.5191, 20.1201



12.5448, 15.5191, 10.5601

Square

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



18.3001, 15.5191, 20.1201



15.8364, 15.5191, 9.1034



11.6923, 15.5191, 14.0391



13.7153, 15.5191, 28.2112

Rectangle

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



18.3001, 15.5191, 20.1201



17.8811, 15.5191, 12.1462



11.6923, 15.5191, 14.0391



12.0083, 15.5191, 22.7503

Sweetspot

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



18.3006, 15.5198, 20.1204



38.8870, 38.4844, 44.2434



15.9822, 14.1934, 25.9422



8.6139, 8.4479, 9.7870



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.



18.3006, 15.5198, 20.1204



30.3864, 24.2860, 32.7688



17.2148, 15.0855, 14.4030



5.1455, 5.0936, 5.8544



10.9227, 5.4792, 7.3634



0.0799, 0.0393, 0.0876

Inverse Universe

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



18.3006, 15.5198, 20.1204



30.3864, 24.2860, 32.7688



18.4757, 22.5139, 26.1710



5.1455, 5.0936, 5.8544



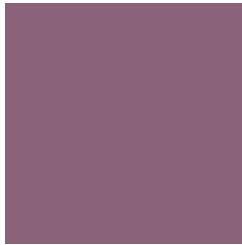
10.9227, 5.4792, 7.3634



0.0799, 0.0393, 0.0876

Previews

White Background



This preview shows how the XYZ color 18.3001, 15.5191, 20.1201 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

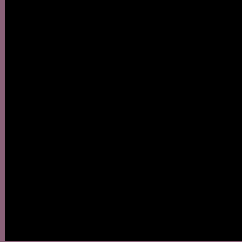
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3001, 15.5191, 20.1201

Background



This preview shows how black text looks on a background with the XYZ color 18.3001, 15.5191, 20.1201.



This preview shows how white text looks on a background with the XYZ color 18.3001, 15.5191,

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

18.3001, 15.5191, 20.1201

Protanopia

15.4283, 15.6216, 22.6242

Deuteranopia

15.7899, 15.5603, 19.6240



Tritanopia

17.4173, 15.4313, 16.2479

Trichromacy



Original Color

18.3001, 15.5191, 20.1201

Protanomaly

16.2245, 15.4354, 21.5262

Deuteranomaly

16.6527, 15.5418, 19.8915

Tritanomaly

17.7590, 15.4343, 17.6659

Monochromacy



Original Color

18.3001, 15.5191, 20.1201

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5410, 16.1237, 18.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3001, 15.5191, 20.1201 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, 98, 121)` looks like.

```
.text, #text, p{  
    color:rgb(138, 98, 121)  
}
```

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, 98, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 98, 121) }
```

Border

The CSS property to change the border of an element to XYZ 18.3001, 15.5191, 20.1201 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, 98, 121) }
```


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

```
.border{ border-color:rgb(138, 98, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 98, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 98, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 98, 121);  
box-shadow:4px 4px 4px 4px rgb(138, 98,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3001, 15.5191, 20.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 98, 121) }
```

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

```
.background{ background-color: rgb(138, 98,  
121) }
```

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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