

Converting Colors

XYZ(18.8539, 15.8128, 20.9845)

Have a look what the booklet for
XYZ(18.8539, 15.8128, 20.9845)
contains.

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Color

**XYZ(18.8210, 15.7661,
21.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	8C627C
RGB	140, 98, 124
RGB Percent	55%, 38%, 49%
CMY	0.4510, 0.6157, 0.5137
CMYK	0.00, 0.30, 0.11, 0.45
HSL	323°, 18%, 47%
HSV	323°, 30%, 55%
XYZ	18.8210, 15.7661, 21.1200
YIQ	113.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

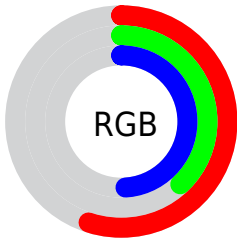
Format	Color
R_{YB}	140, 98, 124
Decimal	9200252
CIE _{Lab}	46.67, 21.32, -7.73
CIE _{LCh}	47, 22.677, 340.075
Yxy	15.7661, 0.3379, 0.2830
Android (android.graphics.Color)	4287390332 (0xFF8C627C)
YUV	113.5220, 5.1657, 23.2212
Hunter-Lab	39.7065, 15.1230, -3.7419

Details

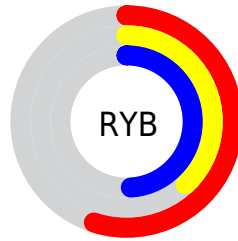
The XYZ color **18.8210, 15.7661, 21.1200** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.4530, 22.5682, 19.3568**, and the grayscale version is **15.8333, 16.6579, 18.1404**.

A 20% lighter version of the original color is **40.9314, 36.1386, 46.4131**, and **6.5736, 4.9995, 7.2751** is the 20% darker color. If you saturate the color by 10%, you get **17.2957, 13.2406, 18.9922**, and if you desaturate by 10%, it is **20.5946, 18.7586, 23.4209**.

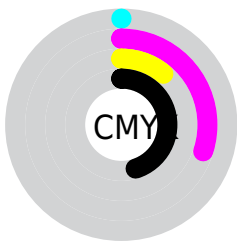
Distribution



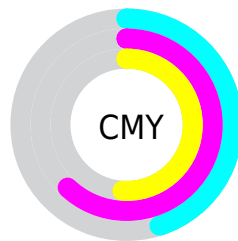
- Red (55%)
- Green (38%)
- Blue (49%)



- Red (55%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (45%)



- Cyan (45%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8210, 15.7661, 21.1200 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 18.8210, 15.7661, 21.1200 by changing the saturation by 10% instead.

■ 18.8210, 15.7661,
21.1200

■ 18.8210, 15.7661,
21.1200

238.4159,
227.9575, 270.7175

■ 11.6442, 9.3588,
13.0196

■ 40.9506, 36.1917,
46.1705

■ 6.5724, 4.9759,
7.3112

■ 56.6342, 50.9787,
63.9578

■ 3.2401, 2.2332,
3.5761

■ 75.8841, 69.3278,
85.8111

■ 1.2820, 0.7380,
1.3958

■ 99.0657, 91.6233,
112.1491

■ 0.1697, 0.0000,
0.1384

126.5443,
118.2496, 143.3901

■ 0.0000, 0.0000,
0.0000

158.6853,

149.5912, 179.9529

195.8541,
186.0324, 222.2558

■ 18.8210, 15.7661,
21.1200

■ 18.8210, 15.7661,
21.1200

■ 17.2957, 13.2406,
18.9922

■ 20.5946, 18.7586,
23.4209

■ 16.0051, 11.1560,
17.0311

■ 22.6265, 22.2381,
25.8992

■ 14.9364, 9.4869,
15.2312

■ 24.9277, 26.2263,
28.5600

■ 14.0748, 8.2043,
13.5860

■ 27.5083, 30.7427,
31.4080

■ 13.4038, 7.2754,
12.0885

■ 30.3777, 35.8059,
34.4476

■ 12.9041, 6.6623,
10.7308

■ 33.5451, 41.4334,
37.6832

■ 12.5220, 6.2582,
9.4932

■ 37.0189, 47.6423,
41.1188

■ 12.5219, 6.2581,
9.4929

■ 40.8075, 54.4486,
44.7584

■ 44.9188, 61.8677,
48.6059

Harmonies

Analogous

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



17.5488, 15.7661, 26.8374



18.8210, 15.7661, 21.1200



19.0169, 15.7661, 15.3442

Triad

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



18.8210, 15.7661, 21.1200



14.3346, 15.7661, 8.5719



12.2787, 15.7661, 25.1082

Complementary

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



18.8210, 15.7661, 21.1200



17.4530, 22.5682, 19.3568

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.



11.5678, 15.7661, 19.1279



18.8210, 15.7661, 21.1200



12.6843, 15.7661, 10.1527

Square

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



18.8210, 15.7661, 21.1200



16.3086, 15.7661, 8.8777



11.7096, 15.7661, 13.7402



13.7354, 15.7661, 29.4660

Rectangle

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



18.8210, 15.7661, 21.1200



18.4944, 15.7661, 12.2995



11.7096, 15.7661, 13.7402



11.9506, 15.7661, 23.1733

Sweetspot

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



18.8215, 15.7668, 21.1203



40.2012, 39.7409, 46.0282



15.9637, 14.1670, 26.7042



9.1480, 8.9586, 10.4693



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.8215, 15.7668, 21.1203



31.3177, 24.6988, 34.6664



17.6619, 15.3030, 15.0142



5.1544, 5.0972, 5.9016



11.1360, 5.5645, 8.4863



0.0811, 0.0398, 0.0941

Inverse Universe

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



18.8215, 15.7668, 21.1203



31.3177, 24.6988, 34.6664



18.7467, 23.0856, 26.1691



5.1544, 5.0972, 5.9016



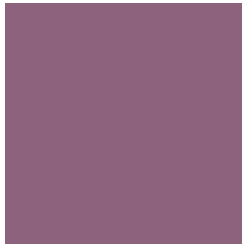
11.1360, 5.5645, 8.4863



0.0811, 0.0398, 0.0941

Previews

White Background



This preview shows how the XYZ color 18.8210, 15.7661, 21.1200 looks on a white background.

Color Contrast Check

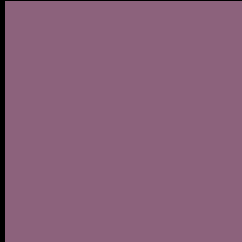
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.8210, 15.7661, 21.1200 looks on a 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 18.8210, 15.7661, 21.1200

Background



This preview shows how black text looks on a background with the XYZ color 18.8210, 15.7661, 21.1200.



This preview shows how white text looks on a background with the XYZ color 18.8210, 15.7661,

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

18.8210, 15.7661, 21.1200

Protanopia

15.6846, 15.8820, 24.0687

Deuteranopia

16.0779, 15.8433, 20.6230



Tritanopia

17.8952, 15.8148, 16.5774

Trichromacy



Original Color

18.8210, 15.7661, 21.1200

Protanomaly

16.5877, 15.7446, 22.9336

Deuteranomaly

16.9829, 15.6907, 20.8724

Tritanomaly

18.2419, 15.8182, 18.0114

Monochromacy



Original Color

18.8210, 15.7661, 21.1200

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8010, 16.2441, 19.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8210, 15.7661, 21.1200 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(140, 98, 124)` looks like.

```
.text, #text, p{  
    color:rgb(140, 98, 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(140, 98, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 98, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.8210, 15.7661, 21.1200 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(140, 98, 124) }
```


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

```
.border{ border-color:rgb(140, 98, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 98, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 98, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 98, 124);  
box-shadow:4px 4px 4px 4px rgb(140, 98,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8210, 15.7661, 21.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 98, 124) }
```

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

```
.background{ background-color: rgb(140, 98,  
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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