

Converting Colors

XYZ(20.8264, 17.9711, 24.6139)

Have a look what the booklet for
XYZ(20.8264, 17.9711, 24.6139)
contains.

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Color

**XYZ(20.7154, 17.8412,
24.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6A85
RGB	143, 106, 133
RGB Percent	56%, 42%, 52%
CMY	0.4392, 0.5843, 0.4784
CMYK	0.00, 0.26, 0.07, 0.44
HSL	316°, 15%, 49%
HSV	316°, 26%, 56%
XYZ	20.7154, 17.8412, 24.5422
YIQ	120.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

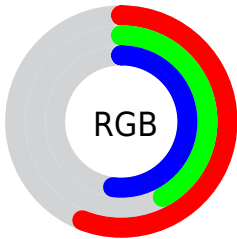
Format	Color
R_{YB}	143, 106, 133
Decimal	9398917
CIE Lab	49.30, 19.42, -9.12
CIE LCh	49, 21.458, 334.834
Yxy	17.8412, 0.3283, 0.2828
Android (android.graphics.Color)	4287588997 (0xFF8F6A85)
YUV	120.1410, 6.3395, 20.0473
Hunter-Lab	42.2388, 13.6246, -4.8823

Details

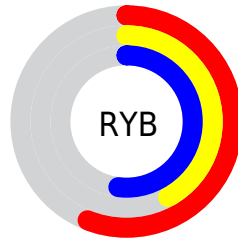
The XYZ color **20.7154, 17.8412, 24.5422** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9195, 23.9706, 20.1537**, and the grayscale version is **17.8755, 18.8065, 20.4802**.

A 20% lighter version of the original color is **44.1157, 39.8692, 51.8247**, and **7.4880, 5.9260, 8.9328** is the 20% darker color. If you saturate the color by 10%, you get **19.1008, 15.0313, 22.7108**, and if you desaturate by 10%, it is **22.5866, 21.1481, 26.5081**.

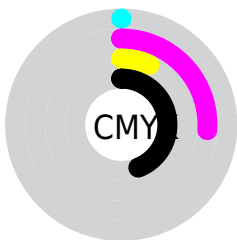
Distribution



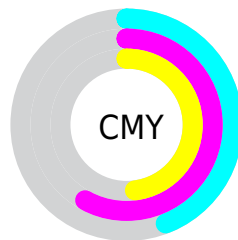
- Red (56%)
- Green (42%)
- Blue (52%)



- Red (56%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (44%)



- Cyan (44%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7154, 17.8412, 24.5422 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 20.7154, 17.8412, 24.5422 by changing the saturation by 10% instead.

■ 20.7154, 17.8412,
24.5422

■ 20.7154, 17.8412,
24.5422

248.5225,
239.9744, 288.9247

■ 13.0274, 10.8360,
15.5204

■ 44.1083, 39.7665,
51.8684

■ 7.5245, 5.9567,
9.0348

■ 60.5438, 55.4555,
71.0099

■ 3.8415, 2.8188,
4.6667

■ 80.6259, 74.8079,
94.3618

■ 1.6129, 1.0379,
1.9978

■ 104.7200, 98.2080,
122.3425

■ 0.4008, 0.0000,
0.5539

133.1913,
126.0404, 155.3706

■ 0.0000, 0.0000,
0.0000

166.4053,

158.6893, 193.8646

204.7273,
196.5392, 238.2431

■ 20.7154, 17.8412,
24.5422

■ 20.7154, 17.8412,
24.5422

■ 19.1008, 15.0313,
22.7108

■ 22.5866, 21.1481,
26.5081

■ 17.7290, 12.6917,
21.0080

■ 24.7244, 24.9724,
28.6116

■ 16.5872, 10.7966,
19.4294

■ 27.1398, 29.3361,
30.8572

■ 15.6607, 9.3170,
17.9695

■ 29.8432, 34.2593,
33.2487

■ 14.9331, 8.2203,
16.6223

■ 32.8440, 39.7612,
35.7899

■ 14.3857, 7.4689,
15.3810

■ 36.1515, 45.8598,
38.4842

■ 13.9905, 7.0073,
14.2356

■ 39.7744, 52.5726,
41.3351

■ 13.8443, 6.8463,
13.7816

■ 43.7211, 59.9161,
44.3459

■ 47.9997, 67.9065,
47.5196

Harmonies

Analogous

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



19.2707, 17.8412, 30.0432



20.7154, 17.8412, 24.5422



21.1229, 17.8412, 18.5049

Triad

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



20.7154, 17.8412, 24.5422



16.6328, 17.8412, 10.3273



13.9693, 17.8412, 26.4861

Complementary

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



20.7154, 17.8412, 24.5422



18.9195, 23.9706, 20.1537

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.



13.3792, 17.8412, 20.3772



20.7154, 17.8412, 24.5422



14.8373, 17.8412, 11.6612

Square

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



20.7154, 17.8412, 24.5422



18.6607, 17.8412, 11.0077



13.6840, 17.8412, 15.0754



15.3613, 17.8412, 31.3125

Rectangle

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



20.7154, 17.8412, 24.5422



20.7262, 17.8412, 15.1246



13.6840, 17.8412, 15.0754



13.6758, 17.8412, 24.4743

Sweetspot

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



20.7159, 17.8420, 24.5426



43.3543, 43.0638, 50.3508



17.2975, 15.9961, 28.1628



9.8169, 9.6511, 11.4248



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.



20.7159, 17.8420, 24.5426



35.3714, 28.9354, 42.0256



19.5559, 17.3780, 18.4337



5.5649, 5.4865, 6.4727



12.2498, 6.0569, 12.2328



0.1263, 0.0616, 0.1655

Inverse Universe

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



20.7159, 17.8420, 24.5426



35.3714, 28.9354, 42.0256



20.0957, 24.4411, 26.3476



5.5649, 5.4865, 6.4727



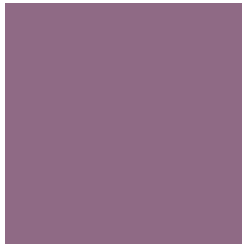
12.2498, 6.0569, 12.2328



0.1263, 0.0616, 0.1655

Previews

White Background



This preview shows how the XYZ color 20.7154, 17.8412, 24.5422 looks on a white background.

Color Contrast Check

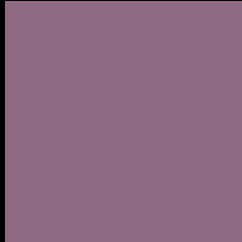
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7154, 17.8412, 24.5422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

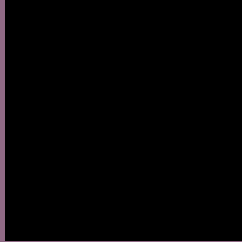
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7154, 17.8412, 24.5422

Background



This preview shows how black text looks on a background with the XYZ color 20.7154, 17.8412, 24.5422.



This preview shows how white text looks on a background with the XYZ color 20.7154, 17.8412,

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

20.7154, 17.8412, 24.5422

Protanopia

17.7891, 17.8949, 27.3274

Deuteranopia

18.1401, 17.8109, 23.9545



Tritanopia

19.6640, 17.8844, 19.2452

Trichromacy



Original Color

20.7154, 17.8412, 24.5422

Protanomaly

18.6217, 17.6796, 26.0979

Deuteranomaly

19.0552, 17.7806, 24.2575

Tritanomaly

20.0930, 17.9060, 21.1361

Monochromacy



Original Color

20.7154, 17.8412, 24.5422

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.7345, 18.3313, 21.9529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7154, 17.8412, 24.5422 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(143, 106, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 106, 133)  
}
```

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(143, 106, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 133) }
```

Border

The CSS property to change the border of an element to XYZ 20.7154, 17.8412, 24.5422 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(143, 106, 133) }
```


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

```
.border{ border-color:rgb(143, 106, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 106, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7154, 17.8412, 24.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 133) }
```

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

```
.background{ background-color: rgb(143,  
106, 133) }
```

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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