

Converting Colors

XYZ(20.7297, 18.4107, 23.8713)

Have a look what the booklet for
XYZ(20.7297, 18.4107, 23.8713)
contains.

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Color

**XYZ(20.7207, 18.3268,
23.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6D83
RGB	142, 109, 131
RGB Percent	56%, 43%, 51%
CMY	0.4431, 0.5725, 0.4863
CMYK	0.00, 0.23, 0.08, 0.44
HSL	320°, 13%, 49%
HSV	320°, 23%, 56%
XYZ	20.7207, 18.3268, 23.9180
YIQ	121.3750, 12.6060, 13.8380

Conversions

Conversions Part 2

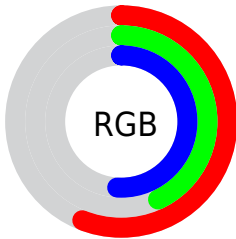
Format	Color
R_{YB}	142, 109, 131
Decimal	9334147
CIE _{Lab}	49.89, 16.92, -7.07
CIE _{LCh}	50, 18.335, 337.313
Yxy	18.3268, 0.3291, 0.2911
Android (android.graphics.Color)	4287524227 (0xFF8E6D83)
YUV	121.3750, 4.7451, 18.0881
Hunter-Lab	42.8098, 11.4800, -3.1587

Details

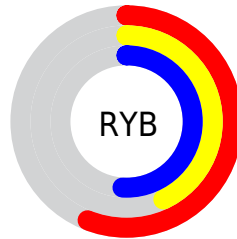
The XYZ color **20.7207, 18.3268, 23.9180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3706, 23.9538, 21.3731**, and the grayscale version is **18.2780, 19.2299, 20.9414**.

A 20% lighter version of the original color is **44.1615, 40.6862, 50.8731**, and **7.5061, 6.1708, 8.7781** is the 20% darker color. If you saturate the color by 10%, you get **19.0131, 15.4132, 21.8020**, and if you desaturate by 10%, it is **22.6888, 21.7374, 26.1936**.

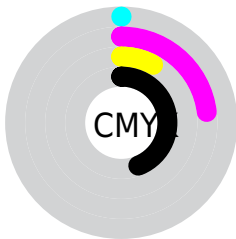
Distribution



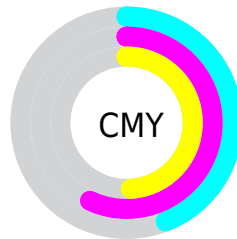
- Red (56%)
- Green (43%)
- Blue (51%)



- Red (56%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7207, 18.3268, 23.9180 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 20.7207, 18.3268, 23.9180 by changing the saturation by 10% instead.

■ 20.7207, 18.3268,
23.9180

■ 20.7207, 18.3268,
23.9180

248.5503,
242.7067, 285.6788

■ 13.0313, 11.1849,
15.0612

■ 44.1170, 40.5934,
50.8385

■ 7.5272, 6.1913,
8.7152

■ 60.5547, 56.4869,
69.7393

■ 3.8432, 2.9618,
4.4616

■ 80.6391, 76.0663,
92.8251

■ 1.6138, 1.1118,
1.8819

■ 104.7356, 99.7161,
120.5145

■ 0.4014, 0.0000,
0.4812

133.2097,
127.8206, 153.2260

■ 0.0000, 0.0000,
0.0000

166.4266,

160.7643, 191.3782

204.7517,
198.9315, 235.3897

■ 20.7207, 18.3268,
23.9180

■ 20.7207, 18.3268,
23.9180

■ 19.0131, 15.4132,
21.8020

■ 22.6888, 21.7374,
26.1936

■ 17.5525, 12.9705,
19.8394

■ 24.9268, 25.6645,
28.6323

■ 16.3264, 10.9742,
18.0255

■ 27.4459, 30.1295,
31.2388

■ 15.3208, 9.3963,
16.3545

■ 30.2559, 35.1520,
34.0174

■ 14.5200, 8.2058,
14.8201

■ 33.3662, 40.7504,
36.9721

■ 13.9061, 7.3672,
13.4154

■ 36.7858, 46.9425,
40.1067

■ 13.4578, 6.8386,
12.1323

■ 40.5232, 53.7452,
43.4250

■ 13.2057, 6.5709,
11.3185

■ 44.5868, 61.1747,
46.9306

■ 48.9845, 69.2465,
50.6269

Harmonies

Analogous

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



19.5451, 18.3268, 28.6676



20.7207, 18.3268, 23.9180



20.9840, 18.3268, 18.7500

Triad

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



20.7207, 18.3268, 23.9180



16.9932, 18.3268, 11.8239



14.8714, 18.3268, 26.4031

Complementary

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



20.7207, 18.3268, 23.9180



19.3706, 23.9538, 21.3731

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.



14.2826, 18.3268, 21.2101



20.7207, 18.3268, 23.9180



15.4531, 18.3268, 13.2147

Square

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



20.7207, 18.3268, 23.9180



18.7529, 18.3268, 12.3021



14.4882, 18.3268, 16.4555



16.1500, 18.3268, 30.2621

Rectangle

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



20.7207, 18.3268, 23.9180



20.5918, 18.3268, 15.8417



14.4882, 18.3268, 16.4555



14.5903, 18.3268, 24.7245

Sweetspot

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



20.7212, 18.3276, 23.9184



42.3555, 42.4392, 48.7746



18.0977, 16.8843, 27.8966



9.4175, 9.4039, 10.8476



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.



20.7212, 18.3276, 23.9184



34.8742, 29.4658, 40.1486



19.6905, 17.9153, 18.4904



5.5509, 5.4809, 6.3988



11.8654, 5.9032, 10.2083



0.1237, 0.0605, 0.1516

Inverse Universe

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



20.7212, 18.3276, 23.9184



34.8742, 29.4658, 40.1486



20.4599, 24.3895, 27.1090



5.5509, 5.4809, 6.3988



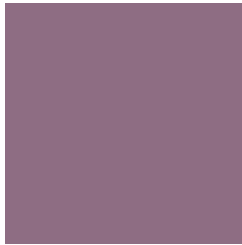
11.8654, 5.9032, 10.2083



0.1237, 0.0605, 0.1516

Previews

White Background



This preview shows how the XYZ color 20.7207, 18.3268, 23.9180 looks on a white background.

Color Contrast Check

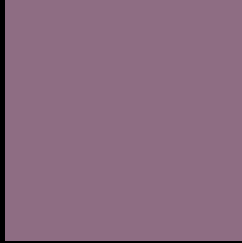
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7207, 18.3268, 23.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

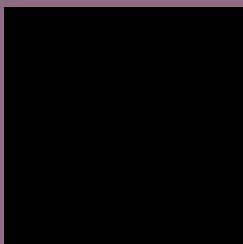
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7207, 18.3268, 23.9180

Background



This preview shows how black text looks on a background with the XYZ color 20.7207, 18.3268, 23.9180.



This preview shows how white text looks on a background with the XYZ color 20.7207, 18.3268,

23.9180.

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

20.7207, 18.3268, 23.9180

Protanopia

18.1962, 18.4760, 26.2741

Deuteranopia

18.7321, 18.4625, 23.6954



Tritanopia

20.0591, 18.3877, 20.2612

Trichromacy



Original Color

20.7207, 18.3268, 23.9180

Protanomaly

18.9614, 18.3707, 25.4682

Deuteranomaly

19.2945, 18.2473, 23.6242

Tritanomaly

20.1985, 18.2698, 21.5306

Monochromacy



Original Color

20.7207, 18.3268, 23.9180

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.1162, 18.8704, 22.0368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7207, 18.3268, 23.9180 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(142, 109, 131)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 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(142, 109, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.7207, 18.3268, 23.9180 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(142, 109, 131) }
```


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

```
.border{ border-color:rgb(142, 109, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 131);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7207, 18.3268, 23.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 131) }
```

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

```
.background{ background-color: rgb(142,  
109, 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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