

Converting Colors

XYZ(22.2115, 17.7241, 23.8810)

Have a look what the booklet for
XYZ(22.2115, 17.7241, 23.8810)
contains.

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Color

**XYZ(22.1715, 17.7216,
23.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6483
RGB	155, 100, 131
RGB Percent	61%, 39%, 51%
CMY	0.3922, 0.6078, 0.4863
CMYK	0.00, 0.35, 0.15, 0.39
HSL	326°, 22%, 50%
HSV	326°, 35%, 61%
XYZ	22.1715, 17.7216, 23.7248
YIQ	119.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

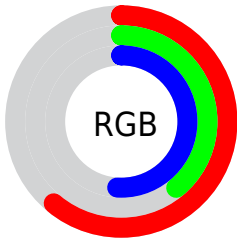
Format	Color
R_{YB}	155, 100, 131
Decimal	10183811
CIE Lab	49.16, 26.94, -8.01
CIE LCh	49, 28.109, 343.442
Yxy	17.7216, 0.3485, 0.2786
Android (android.graphics.Color)	4288373891 (0xFF9B6483)
YUV	119.9790, 5.4334, 30.7134
Hunter-Lab	42.0970, 20.3419, -3.9464

Details

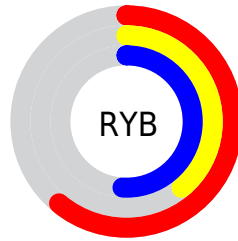
The XYZ color **22.1715, 17.7216, 23.7248** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6157, 27.6078, 23.3123**, and the grayscale version is **17.8244, 18.7527, 20.4217**.

A 20% lighter version of the original color is **46.4583, 39.6188, 50.5460**, and **8.3445, 5.9487, 8.6911** is the 20% darker color. If you saturate the color by 10%, you get **20.3803, 14.8490, 20.9393**, and if you desaturate by 10%, it is **24.2765, 21.1735, 26.7629**.

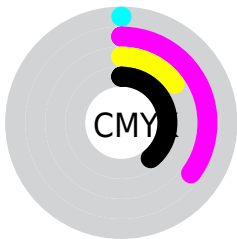
Distribution



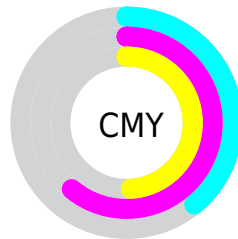
- Red (61%)
- Green (39%)
- Blue (51%)



- Red (61%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1715, 17.7216, 23.7248 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 22.1715, 17.7216, 23.7248 by changing the saturation by 10% instead.

■ 22.1715, 17.7216,
23.7248

■ 22.1715, 17.7216,
23.7248

256.0561,
239.2971, 284.6678

■ 14.1003, 10.7503,
14.9193

■ 46.5060, 39.5624,
50.5189

■ 8.2726, 5.8992,
8.6168

■ 63.5001, 55.2006,
69.3446

■ 4.3231, 2.7839,
4.3987

■ 84.1990, 74.4966,
92.3475

■ 1.8865, 1.0200,
1.8465

■ 108.9684, 97.8348,
119.9460

■ 0.5690, 0.0000,
0.4584

138.1734,
125.5996, 152.5588

■ 0.0000, 0.0000,
0.0000

172.1795,

158.1753, 190.6043

211.3519,
195.9463, 234.5011

■ 22.1715, 17.7216,
23.7248

■ 22.1715, 17.7216,
23.7248

■ 20.3803, 14.8490,
20.9393

■ 24.2765, 21.1735,
26.7629

■ 18.8848, 12.5208,
18.3971

■ 26.7091, 25.2321,
30.0605

■ 17.6671, 10.7023,
16.0895

■ 29.4842, 29.9260,
33.6253

■ 16.7068, 9.3534,
14.0068

■ 32.6152, 35.2813,
37.4644

■ 15.9804, 8.4283,
12.1380

■ 36.1149, 41.3225,
41.5845

■ 15.4570, 7.8660,
10.4697

■ 39.9952, 48.0731,
45.9921

■ 15.2528, 7.6627,
9.7693

■ 44.2677, 55.5551,
50.6935

■ 48.9434, 63.7898,
55.6946

■ 54.0329, 72.7977,
61.0013

Harmonies

Analogous

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



20.5663, 17.7216, 31.8384



22.1715, 17.7216, 23.7248



22.2571, 17.7216, 16.1208

Triad

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



22.1715, 17.7216, 23.7248



15.6953, 17.7216, 8.3587



13.4322, 17.7216, 31.0673

Complementary

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



22.1715, 17.7216, 23.7248



20.6157, 27.6078, 23.3123

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.



12.3883, 17.7216, 22.8625



22.1715, 17.7216, 23.7248



13.6001, 17.7216, 10.5742

Square

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



22.1715, 17.7216, 23.7248



18.3266, 17.7216, 8.4759



12.4463, 17.7216, 15.4555



15.4433, 17.7216, 36.7753

Rectangle

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



22.1715, 17.7216, 23.7248



21.4262, 17.7216, 12.3637



12.4463, 17.7216, 15.4555



12.9664, 17.7216, 28.4292

Sweetspot

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



22.1720, 17.7224, 23.7252



49.8770, 48.6328, 56.4996



18.7625, 15.7545, 33.0627



11.1514, 10.7748, 12.6099



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.1720, 17.7224, 23.7252



36.9887, 27.3696, 38.2891



20.5572, 17.0765, 15.2217



6.3472, 6.2781, 7.2087



12.2704, 6.1624, 7.9488



0.2017, 0.0994, 0.2149

Inverse Universe

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



22.1720, 17.7224, 23.7252



36.9887, 27.3696, 38.2891



22.5905, 28.3977, 33.7113



6.3472, 6.2781, 7.2087



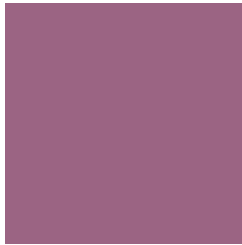
12.2704, 6.1624, 7.9488



0.2017, 0.0994, 0.2149

Previews

White Background



This preview shows how the XYZ color 22.1715, 17.7216, 23.7248 looks on a white background.

Color Contrast Check

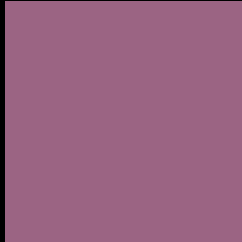
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1715, 17.7216, 23.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

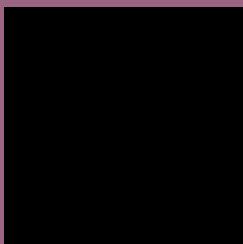
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1715, 17.7216, 23.7248

Background



This preview shows how black text looks on a background with the XYZ color 22.1715, 17.7216, 23.7248.



This preview shows how white text looks on a background with the XYZ color 22.1715, 17.7216,

23.7248.

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

22.1715, 17.7216, 23.7248

Protanopia

17.8100, 17.8885, 28.1053

Deuteranopia

18.0820, 17.8041, 22.9056



Tritanopia

20.9564, 17.8206, 17.3741

Trichromacy



Original Color

22.1715, 17.7216, 23.7248

Protanomaly

19.0655, 17.5760, 26.4324

Deuteranomaly

19.4228, 17.6732, 23.1564

Tritanomaly

21.4467, 17.8785, 19.4601

Monochromacy



Original Color

22.1715, 17.7216, 23.7248

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2161, 18.2520, 21.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1715, 17.7216, 23.7248 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(155, 100, 131)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 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(155, 100, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.1715, 17.7216, 23.7248 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(155, 100, 131) }
```


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

```
.border{ border-color:rgb(155, 100, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 100, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 100, 131);  
box-shadow:4px 4px 4px 4px rgb(155, 100,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1715, 17.7216, 23.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 131) }
```

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

```
.background{ background-color: rgb(155,  
100, 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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