

Converting Colors

XYZ(22.9312, 18.0347, 23.7832)

Have a look what the booklet for
XYZ(22.9312, 18.0347, 23.7832)
contains.

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Color

**XYZ(22.8566, 17.9333,
23.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6383
RGB	159, 99, 131
RGB Percent	62%, 39%, 51%
CMY	0.3765, 0.6117, 0.4863
CMYK	0.00, 0.38, 0.18, 0.38
HSL	328°, 24%, 51%
HSV	328°, 38%, 62%
XYZ	22.8566, 17.9333, 23.7295
YIQ	120.5880, 25.4880, 22.6720

Conversions

Conversions Part 2

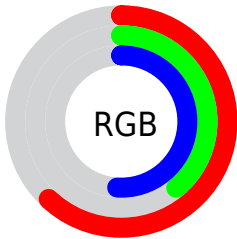
Format	Color
R_{YB}	159, 99, 131
Decimal	10445699
CIE _{Lab}	49.42, 28.97, -7.57
CIE _{LCh}	49, 29.941, 345.349
Yxy	17.9333, 0.3543, 0.2780
Android (android.graphics.Color)	4288635779 (0xFF9F6383)
YUV	120.5880, 5.1331, 33.6873
Hunter-Lab	42.3477, 22.2344, -3.5797

Details

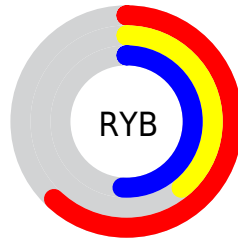
The XYZ color **22.8566, 17.9333, 23.7295** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.3752, 28.9816, 24.5474**, and the grayscale version is **18.0199, 18.9583, 20.6456**.

A 20% lighter version of the original color is **47.7427, 40.0410, 50.5598**, and **8.6507, 6.0410, 8.6927** is the 20% darker color. If you saturate the color by 10%, you get **21.0109, 15.0181, 20.7212**, and if you desaturate by 10%, it is **25.0359, 21.4578, 27.0271**.

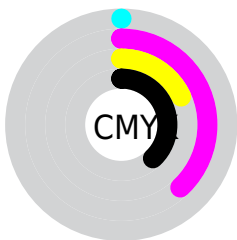
Distribution



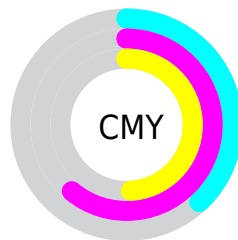
- Red (62%)
- Green (39%)
- Blue (51%)



- Red (62%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (38%)





- Cyan (38%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.8566, 17.9333, 23.7295 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 22.8566, 17.9333, 23.7295 by changing the saturation by 10% instead.


 22.8566, 17.9333,
23.7295


 22.8566, 17.9333,
23.7295


259.5367,
240.4948, 284.6924


 14.6078, 10.9021,
14.9227


 47.6261, 39.9236,
50.5267


 8.6291, 6.0010,
8.6192


 64.8776, 55.6516,
69.3542

 4.5552, 2.8457,
4.4002

 85.8606, 75.0472,
92.3591

 2.0208, 1.0517,
1.8474

 110.9405, 98.4950,
119.9599

 0.6456, 0.0000,
0.4589

140.4828,
126.3792, 152.5750

 0.0000, 0.0000,
0.0000

174.8526,

159.0843, 190.6231

214.4155,
196.9947, 234.5228

■ 22.8566, 17.9333,
23.7295

■ 22.8566, 17.9333,
23.7295

■ 21.0109, 15.0181,
20.7212

■ 25.0359, 21.4578,
27.0271

■ 19.4791, 12.6743,
17.9915

■ 27.5641, 25.6214,
30.6221

■ 18.2416, 10.8638,
15.5300

■ 30.4573, 30.4551,
34.5236


■ 17.2757, 9.5428,
13.3254

■ 33.7302, 35.9870,
38.7399

■ 16.5554, 8.6603,
11.3648


■ 37.3965, 42.2438,
43.2788


 16.0363, 8.1288,
9.6292

 41.4694, 49.2505,
48.1479

 15.9297, 8.0236,
9.2610

 45.9613, 57.0311,
53.3546

 50.8842, 65.6085,
58.9058

 56.2495, 75.0046,
64.8084

Harmonies

Analogous

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



21.2071, 17.9333, 32.6209



22.8566, 17.9333, 23.7295



22.8358, 17.9333, 15.6924

Triad

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



22.8566, 17.9333, 23.7295



15.6478, 17.9333, 8.0416



13.5067, 17.9333, 32.8101

Complementary

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



22.8566, 17.9333, 23.7295



21.3752, 28.9816, 24.5474

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.



12.3267, 17.9333, 23.9387



22.8566, 17.9333, 23.7295



13.4667, 17.9333, 10.5096

Square

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



22.8566, 17.9333, 23.7295



18.4556, 17.9333, 8.0144



12.3129, 17.9333, 15.8513



15.7083, 17.9333, 38.7665

Rectangle

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



22.8566, 17.9333, 23.7295



21.8686, 17.9333, 11.8403



12.3129, 17.9333, 15.8513



12.9887, 17.9333, 29.9760

Sweetspot

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



22.8571, 17.9341, 23.7299



52.6694, 51.3939, 59.3367



19.4730, 15.9399, 34.8513



11.7249, 11.3369, 13.1768



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.8571, 17.9341, 23.7299



38.2054, 27.7963, 38.0828



21.1095, 17.2351, 14.5271



6.7735, 6.7023, 7.6582



12.6030, 6.3458, 7.4266



0.2466, 0.1220, 0.2449

Inverse Universe

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



22.8571, 17.9341, 23.7299



38.2054, 27.7963, 38.0828



23.6301, 29.8836, 36.4211



6.7735, 6.7023, 7.6582



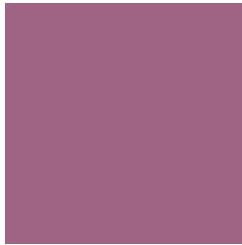
12.6030, 6.3458, 7.4266



0.2466, 0.1220, 0.2449

Previews

White Background



This preview shows how the XYZ color 22.8566, 17.9333, 23.7295 looks on a white background.

Color Contrast Check

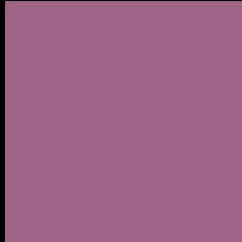
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8566, 17.9333, 23.7295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

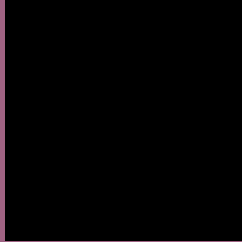
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8566, 17.9333, 23.7295

Background



This preview shows how black text looks on a background with the XYZ color 22.8566, 17.9333, 23.7295.



This preview shows how white text looks on a background with the XYZ color 22.8566, 17.9333,

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

22.8566, 17.9333, 23.7295

Protanopia

18.0013, 18.1505, 28.5412

Deuteranopia

18.4845, 18.1800, 22.9569



Tritanopia

21.6241, 18.0163, 17.3767

Trichromacy



Original Color

22.8566, 17.9333, 23.7295

Protanomaly

19.2894, 17.6831, 26.8226

Deuteranomaly

19.7476, 17.8406, 23.1717

Tritanomaly

22.1219, 18.0798, 19.4633

Monochromacy



Original Color

22.8566, 17.9333, 23.7295

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.5985, 18.4418, 21.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8566, 17.9333, 23.7295 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(159, 99, 131)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 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(159, 99, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.8566, 17.9333, 23.7295 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(159, 99, 131) }
```


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

```
.border{ border-color:rgb(159, 99, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 99, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 131);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8566, 17.9333, 23.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 131) }
```

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

```
.background{ background-color: rgb(159, 99,  
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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