

Converting Colors

XYZ(23.2734, 17.8914, 28.3875)

Have a look what the booklet for
XYZ(23.2734, 17.8914, 28.3875)
contains.

XYZ(23.2302, 17.8866, 28.2147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.2302, 17.8866,
28.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	9D628F
RGB	157, 98, 143
RGB Percent	62%, 38%, 56%
CMY	0.3843, 0.6157, 0.4392
CMYK	0.00, 0.38, 0.09, 0.38
HSL	314°, 23%, 50%
HSV	314°, 38%, 62%
XYZ	23.2302, 17.8866, 28.2147
YIQ	120.7710, 20.7190, 26.5030

Conversions

Conversions Part 2

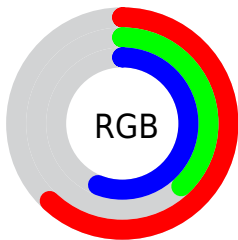
Format	Color
R_{YB}	157, 98, 143
Decimal	10314383
CIE _{Lab}	49.36, 30.90, -14.82
CIE _{LCh}	49, 34.268, 334.374
Yxy	17.8866, 0.3351, 0.2580
Android (android.graphics.Color)	4288504463 (0xFF9D628F)
YUV	120.7710, 10.9589, 31.7728
Hunter-Lab	42.2926, 24.0334, -9.9494

Details

The XYZ color **23.2302, 17.8866, 28.2147** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0193, 27.8810, 19.6568**, and the grayscale version is **18.0617, 19.0023, 20.6935**.

A 20% lighter version of the original color is **48.4250, 39.9900, 57.9899**, and **8.7830, 5.9300, 11.0376** is the 20% darker color. If you saturate the color by 10%, you get **21.6253, 15.1208, 26.3104**, and if you desaturate by 10%, it is **25.1337, 21.2341, 30.2652**.

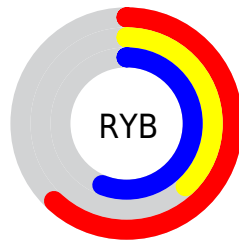
Distribution



Red (62%)

Green (38%)

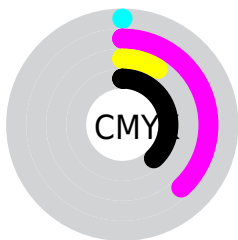
Blue (56%)



Red (62%)

Yellow (38%)

Blue (56%)

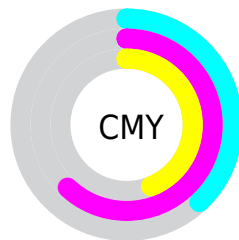


Cyan (0%)

Magenta (38%)

Yellow (9%)

Black (38%)



Cyan (38%)


Magenta (62%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2302, 17.8866, 28.2147 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 23.2302, 17.8866, 28.2147 by changing the saturation by 10% instead.


 23.2302, 17.8866,
28.2147


 23.2302, 17.8866,
28.2147

261.4185,
240.2311, 307.4356


 14.8852, 10.8686,
18.2471


 48.2349, 39.8440,
57.8543

 8.8247, 5.9785,
10.9563


 65.6254, 55.5522,
78.3633

 4.6832, 2.8320,
5.9236

 86.7617, 74.9259,
103.2233

 2.0954, 1.0447,
2.7307

 112.0092, 98.3495,
132.8527

 0.6867, 0.0000,
0.9588

141.7332,
126.2075, 167.6701

 0.0000, 0.0000,
0.0000

176.2992,

158.8841, 208.0940

216.0725,
196.7639, 254.5430

■ 23.2302, 17.8866,
28.2147

■ 23.2302, 17.8866,
28.2147

■ 21.6253, 15.1208,
26.3104

■ 25.1337, 21.2341,
30.2652

■ 20.3004, 12.9003,
24.5450

■ 27.3498, 25.1919,
32.4663

■ 19.2372, 11.1885,
22.9123

■ 29.8936, 29.7897,
34.8239

■ 18.4145, 9.9433,
21.4046

■ 32.7786, 35.0547,
37.3427

■ 17.8079, 9.1158,
20.0135

■ 36.0177, 41.0123,
40.0275

■ 17.3756, 8.6226,
18.7243

■ 39.6231, 47.6867,
42.8828

■ 17.2794, 8.5180,
18.4215

■ 43.6062, 55.1008,
45.9128

■ 47.9782, 63.2766,
49.1215

■ 52.7496, 72.2352,
52.5131

Harmonies

Analogous

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



20.7494, 17.8866, 38.1288



23.2302, 17.8866, 28.2147



23.9670, 17.8866, 18.1516

Triad

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



23.2302, 17.8866, 28.2147



16.5319, 17.8866, 6.5885



12.3771, 17.8866, 31.3277

Complementary

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



23.2302, 17.8866, 28.2147



20.0193, 27.8810, 19.6568

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.



11.5348, 17.8866, 20.8622



23.2302, 17.8866, 28.2147



13.7331, 17.8866, 8.1836

Square

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



23.2302, 17.8866, 28.2147



19.8274, 17.8866, 7.4467



11.9981, 17.8866, 12.7575



14.4562, 17.8866, 40.2890

Rectangle

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



23.2302, 17.8866, 28.2147



23.3008, 17.8866, 13.0247



11.9981, 17.8866, 12.7575



11.9528, 17.8866, 27.7666

Sweetspot

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



23.2308, 17.8874, 28.2151



51.8109, 50.2218, 60.7982



17.1067, 14.6001, 33.8150



11.2754, 10.8244, 13.2627



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.



23.2308, 17.8874, 28.2151



39.1839, 27.8562, 47.6846



21.2950, 17.1131, 18.0218



6.8368, 6.7276, 7.9917



14.0488, 6.9241, 15.0396



0.2663, 0.1298, 0.3483

Inverse Universe

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



23.2308, 17.8874, 28.2151



39.1839, 27.8562, 47.6846



21.9222, 28.6421, 29.6771



6.8368, 6.7276, 7.9917



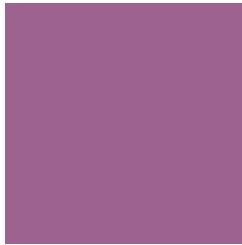
14.0488, 6.9241, 15.0396



0.2663, 0.1298, 0.3483

Previews

White Background



This preview shows how the XYZ color 23.2302, 17.8866, 28.2147 looks on a white background.

Color Contrast Check

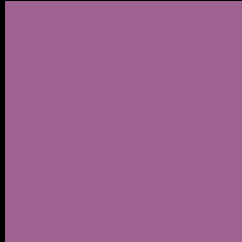
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2302, 17.8866, 28.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

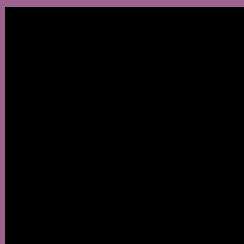
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2302, 17.8866, 28.2147

Background



This preview shows how black text looks on a background with the XYZ color 23.2302, 17.8866, 28.2147.



This preview shows how white text looks on a background with the XYZ color 23.2302, 17.8866,

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

23.2302, 17.8866, 28.2147

Protanopia

18.3095, 18.0169, 33.9651

Deuteranopia

18.3356, 18.0065, 27.3201



Tritanopia

21.0118, 17.8428, 17.6658

Trichromacy



Original Color

23.2302, 17.8866, 28.2147

Protanomaly

19.5120, 17.5316, 31.6337

Deuteranomaly

19.7921, 17.7659, 27.5853

Tritanomaly

21.6529, 17.8028, 21.0339

Monochromacy



Original Color

23.2302, 17.8866, 28.2147

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.6991, 18.4636, 23.2944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2302, 17.8866, 28.2147 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(157, 98, 143)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 143)  
}
```

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(157, 98, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.2302, 17.8866, 28.2147 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(157, 98, 143) }
```


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

```
.border{ border-color:rgb(157, 98, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 98, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 98, 143); box-shadow:4px 4px 4px 4px rgb(157, 98, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2302, 17.8866, 28.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 143) }
```

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

```
.background{ background-color: rgb(157, 98,  
143) }
```

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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