

Converting Colors

XYZ(23.2532, 17.9413, 26.2822)

Have a look what the booklet for
XYZ(23.2532, 17.9413, 26.2822)
contains.

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Color

**XYZ(23.2532, 17.9413,
26.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	9F628A
RGB	159, 98, 138
RGB Percent	62%, 38%, 54%
CMY	0.3765, 0.6157, 0.4588
CMYK	0.00, 0.38, 0.13, 0.38
HSL	321°, 24%, 50%
HSV	321°, 38%, 62%
XYZ	23.2532, 17.9413, 26.2822
YIQ	120.7990, 23.5160, 25.3720

Conversions

Conversions Part 2

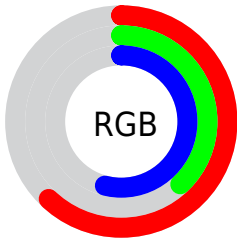
Format	Color
R _Y B	159, 98, 138
Decimal	10445450
CIE Lab	49.42, 30.71, -11.73
CIE LCh	49, 32.876, 339.104
Yxy	17.9413, 0.3446, 0.2659
Android (android.graphics.Color)	4288635530 (0xFF9F628A)
YUV	120.7990, 8.4801, 33.5023
Hunter-Lab	42.3572, 23.8677, -7.1388

Details

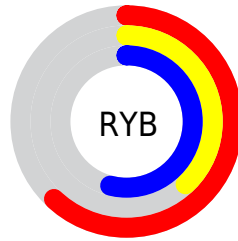
The XYZ color **23.2532, 17.9413, 26.2822** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.7657, 28.7254, 21.9041**, and the grayscale version is **18.0778, 19.0193, 20.7120**.

A 20% lighter version of the original color is **48.3346, 40.0214, 54.4676**, and **8.8036, 5.9654, 9.9199** is the 20% darker color. If you saturate the color by 10%, you get **21.5243, 15.1017, 23.7996**, and if you desaturate by 10%, it is **25.2987, 21.3816, 28.9692**.

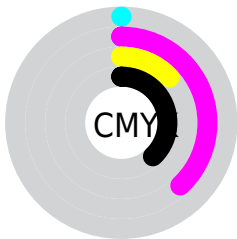
Distribution



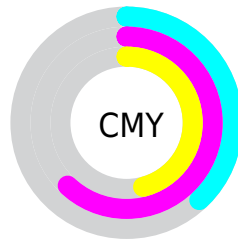
- Red (62%)
- Green (38%)
- Blue (54%)



- Red (62%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2532, 17.9413, 26.2822 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 23.2532, 17.9413, 26.2822 by changing the saturation by 10% instead.

■ 23.2532, 17.9413,
26.2822

■ 23.2532, 17.9413,
26.2822

261.5339,
240.5400, 297.8141

■ 14.9023, 10.9079,
16.8072

■ 48.2724, 39.9373,
54.7195

■ 8.8367, 6.0049,
9.9366

■ 65.6713, 55.6686,
74.5189

■ 4.6911, 2.8481,
5.2519

■ 86.8170, 75.0680,
98.5969

■ 2.1001, 1.0529,
2.3345

■ 112.0748, 98.5199,
127.3720

■ 0.6892, 0.0000,
0.7504

141.8100,
126.4086, 161.2627

■ 0.0000, 0.0000,
0.0000

176.3881,

159.1186, 200.6876

216.1742,
197.0343, 246.0652

■ 23.2532, 17.9413,
26.2822

■ 23.2532, 17.9413,
26.2822

■ 21.5243, 15.1017,
23.7996

■ 25.2987, 21.3816,
28.9692

■ 20.0925, 12.8250,
21.5131

■ 27.6755, 25.4525,
31.8665

■ 18.9386, 11.0730,
19.4148

■ 30.3996, 30.1849,
34.9809

■ 18.0403, 9.8017,
17.4959

■ 33.4851, 35.6069,
38.3184

■ 17.3717, 8.9597,
15.7462

■ 36.9455, 41.7451,
41.8850

■ 16.8843, 8.4506,
14.1479

■ 40.7936, 48.6244,
45.6861

■ 16.8101, 8.3757,
13.8966

■ 45.0415, 56.2687,
49.7271

■ 49.7009, 64.7010,
54.0131

■ 54.7828, 73.9429,
58.5490

Harmonies

Analogous

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



21.0977, 17.9413, 36.0129



23.2532, 17.9413, 26.2822



23.6453, 17.9413, 16.9551

Triad

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



23.2532, 17.9413, 26.2822



16.1263, 17.9413, 7.0578



12.8307, 17.9413, 32.4098

Complementary

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



23.2532, 17.9413, 26.2822



20.7657, 28.7254, 21.9041

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.



11.8157, 17.9413, 22.3642



23.2532, 17.9413, 26.2822



13.5608, 17.9413, 9.0524

Square

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



23.2532, 17.9413, 26.2822



19.2695, 17.9413, 7.5285



12.0658, 17.9413, 14.0544



15.0127, 17.9413, 40.2309

Rectangle

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



23.2532, 17.9413, 26.2822



22.8124, 17.9413, 12.3493



12.0658, 17.9413, 14.0544



12.3545, 17.9413, 29.0762

Sweetspot

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



23.2537, 17.9421, 26.2826



52.4812, 50.6380, 60.4442



18.1431, 15.1145, 34.7623



11.6984, 11.1844, 13.4750



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.



23.2537, 17.9421, 26.2826



38.9741, 27.7368, 43.2616



21.3821, 17.1935, 16.4266



6.8070, 6.7157, 7.8350



13.2972, 6.6234, 11.0820



0.2569, 0.1261, 0.2989

Inverse Universe

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



23.2537, 17.9421, 26.2826



38.9741, 27.7368, 43.2616



22.8473, 29.5580, 32.8656



6.8070, 6.7157, 7.8350



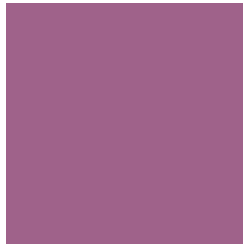
13.2972, 6.6234, 11.0820



0.2569, 0.1261, 0.2989

Previews

White Background



This preview shows how the XYZ color 23.2532, 17.9413, 26.2822 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 23.2532, 17.9413, 26.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

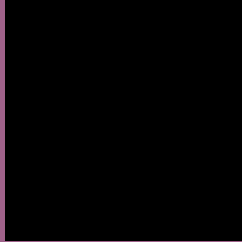
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2532, 17.9413, 26.2822

Background



This preview shows how black text looks on a background with the XYZ color 23.2532, 17.9413, 26.2822.



This preview shows how white text looks on a background with the XYZ color 23.2532, 17.9413,

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

23.2532, 17.9413, 26.2822

Protanopia

18.2539, 18.2082, 31.8306

Deuteranopia

18.3891, 18.0757, 25.4414



Tritanopia

21.4298, 17.9161, 17.3676

Trichromacy



Original Color

23.2532, 17.9413, 26.2822

Protanomaly

19.5166, 17.7392, 29.5895

Deuteranomaly

19.9042, 17.8657, 25.6919

Tritanomaly

22.0095, 17.8559, 20.3757

Monochromacy



Original Color

23.2532, 17.9413, 26.2822

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.7276, 18.4935, 22.6085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2532, 17.9413, 26.2822 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, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(159, 98, 138)  
}
```

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, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 98, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.2532, 17.9413, 26.2822 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, 98, 138) }
```


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

```
.border{ border-color:rgb(159, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(159, 98,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2532, 17.9413, 26.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 98, 138) }
```

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

```
.background{ background-color: rgb(159, 98,  
138) }
```

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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