

Converting Colors

XYZ(26.3517, 22.3250, 34.8186)

Have a look what the booklet for
XYZ(26.3517, 22.3250, 34.8186)
contains.

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Color

**XYZ(26.3517, 22.3250,
34.8186)**

Conversions

Conversions Part 1

Format	Color
Hex	9D759D
RGB	157, 117, 157
RGB Percent	62%, 46%, 62%
CMY	0.3843, 0.5412, 0.3843
CMYK	0.00, 0.25, 0.00, 0.38
HSL	300°, 17%, 54%
HSV	300°, 25%, 62%
XYZ	26.3517, 22.3250, 34.8186
YIQ	133.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

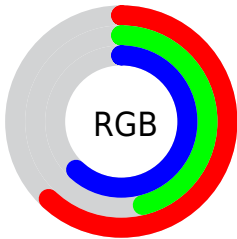
Format	Color
R_{YB}	157, 117, 157
Decimal	10319261
CIE _{Lab}	54.37, 22.71, -15.44
CIE _{LCh}	54, 27.463, 325.794
Yxy	22.3250, 0.3156, 0.2674
Android (android.graphics.Color)	4288509341 (0xFF9D759D)
YUV	133.5200, 11.5756, 20.5920
Hunter-Lab	47.2493, 16.8659, -10.6170

Details

The XYZ color **26.3517, 22.3250, 34.8186** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6048, 29.1808, 21.2718**, and the grayscale version is **22.4408, 23.6095, 25.7107**.

A 20% lighter version of the original color is **53.2230, 47.1264, 68.5785**, and **10.4943, 8.1781, 14.6611** is the 20% darker color. If you saturate the color by 10%, you get **24.6739, 18.9690, 34.2596**, and if you desaturate by 10%, it is **28.3377, 26.2966, 35.4809**.

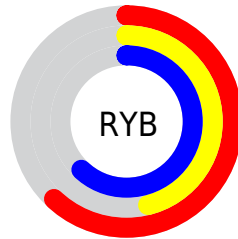
Distribution



Red (62%)

Green (46%)

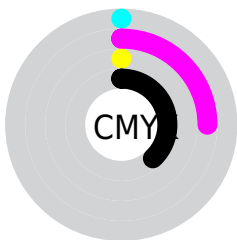
Blue (62%)



Red (62%)

Yellow (46%)

Blue (62%)

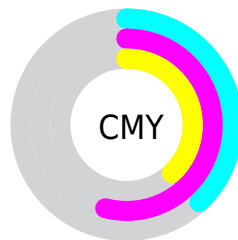


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (38%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3517, 22.3250, 34.8186 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 26.3517, 22.3250, 34.8186 by changing the saturation by 10% instead.

■ 26.3517, 22.3250,
34.8186

■ 26.3517, 22.3250,
34.8186

276.7294,
264.2388, 338.6468

■ 17.2210, 14.0959,
23.2407

■ 53.2690, 47.2826,
68.3530

■ 10.4885, 8.1874,
14.5644

■ 71.7864, 64.7798,
91.1467

■ 5.7887, 4.2151,
8.3710

■ 94.1634, 86.1353,
118.5160

■ 2.7565, 1.7946,
4.2421

120.7653,
111.7333, 150.8796

■ 1.0263, 0.4838,
1.7591

151.9575,
141.9582, 188.6559

■ 0.0000, 0.0000,
0.4008

188.1053,

■ 0.0000, 0.0000,

177.1945, 232.2635

0.0000

229.5742,
217.8266, 282.1210

■ 26.3517, 22.3250,
34.8186

■ 26.3517, 22.3250,
34.8186

■ 24.6739, 18.9690,
34.2596

■ 28.3377, 26.2966,
35.4809

■ 23.2869, 16.1950,
33.7972

■ 30.6440, 30.9093,
36.2496

■ 22.1748, 13.9708,
33.4265

■ 33.2847, 36.1907,
37.1299

■ 21.3193, 12.2598,
33.1414

■ 36.2724, 42.1660,
38.1258

■ 20.7000, 11.0212,
32.9349

■ 39.6189, 48.8591,
39.2413

■ 20.2932, 10.2075,
32.7993

■ 43.3357, 56.2926,
40.4802

■ 20.0678, 9.7567,
32.7241

■ 47.4336, 64.4884,
41.8462

■ 19.9907, 9.6025,
32.6984

■ 51.9230, 73.4672,
43.3427

■ 55.7507, 81.1225,
44.6186

Harmonies

Analogous

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



23.8273, 22.3250, 42.4047



26.3517, 22.3250, 34.8186



27.5020, 22.3250, 25.5390

Triad

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



26.3517, 22.3250, 34.8186



21.6448, 22.3250, 11.2826



16.4414, 22.3250, 32.2213

Complementary

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



26.3517, 22.3250, 34.8186



22.6048, 29.1808, 21.2718

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.



15.9746, 22.3250, 23.1174



26.3517, 22.3250, 34.8186



18.8088, 22.3250, 12.2693

Square

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



26.3517, 22.3250, 34.8186



24.6271, 22.3250, 13.0529



16.8006, 22.3250, 16.1593



18.1412, 22.3250, 40.6743

Rectangle

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



26.3517, 22.3250, 34.8186



27.2625, 22.3250, 20.0865



16.8006, 22.3250, 16.1593



16.1424, 22.3250, 29.0833

Sweetspot

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



26.3524, 22.3260, 34.8191



53.7159, 53.0269, 64.5308



19.7842, 18.9400, 34.5117



11.6876, 11.4038, 14.1555



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.



26.3524, 22.3260, 34.8191



45.2904, 36.1760, 61.7223



24.7820, 21.6978, 26.5497



6.9042, 6.7546, 8.3466



16.2359, 7.7989, 26.5568



0.2903, 0.1394, 0.4748

Inverse Universe

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



26.3524, 22.3260, 34.8191



45.2904, 36.1760, 61.7223



23.9093, 29.7026, 28.1408



6.9042, 6.7546, 8.3466



16.2359, 7.7989, 26.5568



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 26.3517, 22.3250, 34.8186 looks on a white background.

Color Contrast Check

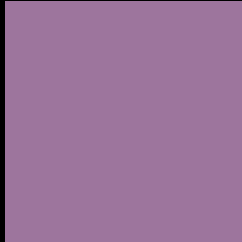
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.3517, 22.3250, 34.8186 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 26.3517, 22.3250, 34.8186

Background



This preview shows how black text looks on a background with the XYZ color 26.3517, 22.3250, 34.8186.



This preview shows how white text looks on a background with the XYZ color 26.3517, 22.3250,

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

26.3517, 22.3250, 34.8186

Protanopia

22.5269, 22.4821, 38.7495

Deuteranopia

22.8658, 22.3706, 34.1231



Tritanopia

24.1931, 22.3301, 24.5077

Trichromacy



Original Color

26.3517, 22.3250, 34.8186

Protanomaly

23.6867, 22.3442, 37.2469

Deuteranomaly

23.8989, 22.1417, 34.4666

Tritanomaly

24.7765, 22.1964, 27.7894

Monochromacy



Original Color

26.3517, 22.3250, 34.8186

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.7570, 23.1421, 28.8059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3517, 22.3250, 34.8186 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, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 157)  
}
```

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, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.3517, 22.3250, 34.8186 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, 117, 157) }
```


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

```
.border{ border-color:rgb(157, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3517, 22.3250, 34.8186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 157) }
```

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

```
.background{ background-color: rgb(157,  
117, 157) }
```

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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