

Converting Colors

XYZ(26.1867, 22.4202, 34.4027)

Have a look what the booklet for
XYZ(26.1867, 22.4202, 34.4027)
contains.

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Color

**XYZ(26.1895, 22.4251,
34.4006)**

Conversions

Conversions Part 1

Format	Color
Hex	9C769C
RGB	156, 118, 156
RGB Percent	61%, 46%, 61%
CMY	0.3882, 0.5372, 0.3882
CMYK	0.00, 0.24, 0.00, 0.39
HSL	300°, 16%, 54%
HSV	300°, 24%, 61%
XYZ	26.1895, 22.4251, 34.4006
YIQ	133.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

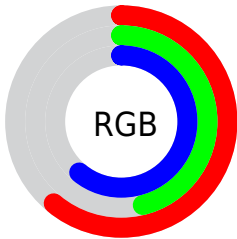
Format	Color
R_{YB}	156, 118, 156
Decimal	10253980
CIE _{Lab}	54.48, 21.59, -14.71
CIE _{LCh}	54, 26.123, 325.734
Yxy	22.4251, 0.3155, 0.2701
Android (android.graphics.Color)	4288444060 (0xFF9C769C)
YUV	133.6940, 10.9969, 19.5624
Hunter-Lab	47.3551, 15.8469, -9.9219

Details

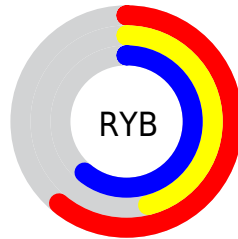
The XYZ color **26.1895, 22.4251, 34.4006** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6306, 28.9372, 21.5335**, and the grayscale version is **22.5066, 23.6787, 25.7861**.

A 20% lighter version of the original color is **52.9966, 47.3015, 67.9649**, and **10.3868, 8.2192, 14.4036** is the 20% darker color. If you saturate the color by 10%, you get **24.5024, 19.0506, 33.8384**, and if you desaturate by 10%, it is **28.1818, 26.4092, 35.0650**.

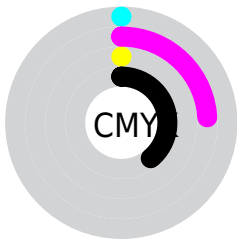
Distribution



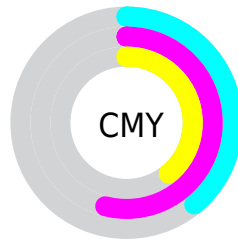
- Red (61%)
- Green (46%)
- Blue (61%)



- Red (61%)
- Yellow (46%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1895, 22.4251, 34.4006 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 26.1895, 22.4251, 34.4006 by changing the saturation by 10% instead.

■ 26.1895, 22.4251,
34.4006

■ 26.1895, 22.4251,
34.4006

275.9508,
264.7583, 336.7382

■ 17.0989, 14.1696,
22.9217

■ 53.0096, 47.4476,
67.6972

■ 10.4008, 8.2387,
14.3309

■ 71.4698, 64.9834,
90.3519

■ 5.7298, 4.2481,
8.2098

■ 93.7840, 86.3814,
117.5689

■ 2.7206, 1.8133,
4.1398

120.3174,
112.0260, 149.7668

■ 1.0078, 0.4954,
1.7023

151.4354,
142.3015, 187.3642

■ 0.0000, 0.0000,
0.3623

187.5034,

■ 0.0000, 0.0000,

177.5925, 230.7795

0.0000

228.8867,
218.2833, 280.4313

■ 26.1895, 22.4251,
34.4006

■ 26.1895, 22.4251,
34.4006

■ 24.5024, 19.0506,
33.8384

■ 28.1818, 26.4092,
35.0650

■ 23.1036, 16.2529,
33.3721

■ 30.4911, 31.0278,
35.8349

■ 21.9775, 14.0007,
32.9966

■ 33.1312, 36.3080,
36.7150

■ 21.1063, 12.2584,
32.7061

■ 36.1144, 42.2743,
37.7095

■ 20.4701, 10.9861,
32.4940

■ 39.4523, 48.9501,
38.8222

■ 20.0462, 10.1383,
32.3526

■ 43.1561, 56.3578,
40.0569

■ 19.8068, 9.6594,
32.2727

■ 47.2365, 64.5185,
41.4171

■ 19.7112, 9.4683,
32.2408

■ 51.7036, 73.4527,
42.9062

■ 55.4715, 80.9884,
44.1622

Harmonies

Analogous

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



23.7923, 22.4251, 41.5284



26.1895, 22.4251, 34.4006



27.2818, 22.4251, 25.6074

Triad

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



26.1895, 22.4251, 34.4006



21.7260, 22.4251, 11.8387



16.7347, 22.4251, 31.9132

Complementary

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



26.1895, 22.4251, 34.4006



22.6306, 28.9372, 21.5335

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.



16.2875, 22.4251, 23.2644



26.1895, 22.4251, 34.4006



19.0148, 22.4251, 12.8008

Square

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



26.1895, 22.4251, 34.4006



24.5628, 22.4251, 13.5776



17.0852, 22.4251, 16.5803



18.3658, 22.4251, 39.8816

Rectangle

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



26.1895, 22.4251, 34.4006



27.0574, 22.4251, 20.3907



17.0852, 22.4251, 16.5803



16.4476, 22.4251, 28.9415

Sweetspot

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



26.1902, 22.4261, 34.4011



54.1538, 53.9027, 64.6767



19.9514, 19.2099, 34.1093



11.8662, 11.7611, 14.2150



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.



26.1902, 22.4261, 34.4011



45.9018, 37.3989, 61.9257



24.7049, 21.8320, 26.5797



6.9042, 6.7546, 8.3465



16.2357, 7.7989, 26.5561



0.2903, 0.1394, 0.4748

Inverse Universe

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



26.1902, 22.4261, 34.4011



45.9018, 37.3989, 61.9257



23.8759, 29.4353, 28.0910



6.9042, 6.7546, 8.3465



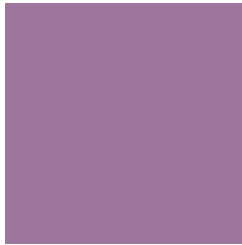
16.2357, 7.7989, 26.5561



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 26.1895, 22.4251, 34.4006 looks on a white background.

Color Contrast Check

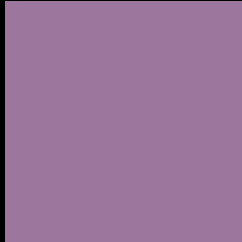
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1895, 22.4251, 34.4006 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 26.1895, 22.4251, 34.4006

Background



This preview shows how black text looks on a background with the XYZ color 26.1895, 22.4251, 34.4006.



This preview shows how white text looks on a background with the XYZ color 26.1895, 22.4251,

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

26.1895, 22.4251, 34.4006

Protanopia

22.5771, 22.5184, 38.2785

Deuteranopia

22.9378, 22.4174, 33.6899



Tritanopia

24.2613, 22.3573, 24.8665

Trichromacy



Original Color

26.1895, 22.4251, 34.4006

Protanomaly

23.5982, 22.3088, 36.7805

Deuteranomaly

24.1086, 22.4446, 34.0719

Tritanomaly

24.9715, 22.4679, 28.2199

Monochromacy



Original Color

26.1895, 22.4251, 34.4006

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 26.1895, 22.4251, 34.4006 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(156, 118, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 118, 156)  
}
```

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(156, 118, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 118, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.1895, 22.4251, 34.4006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

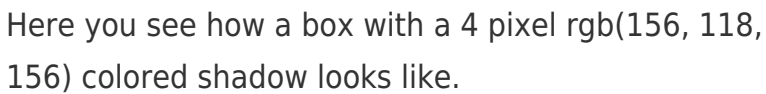
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 118, 156) }
```


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

```
.border{ border-color:rgb(156, 118, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 118, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 118, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 118, 156); box-shadow:4px 4px 4px 4px rgb(156, 118, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1895, 22.4251, 34.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 118, 156) }
```

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

```
.background{ background-color: rgb(156,  
118, 156) }
```

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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