

Converting Colors

XYZ(26.1266, 22.7217, 34.3769)

Have a look what the booklet for
XYZ(26.1266, 22.7217, 34.3769)
contains.

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Color

**XYZ(26.2348, 22.8018,
34.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	9B789C
RGB	155, 120, 156
RGB Percent	61%, 47%, 61%
CMY	0.3922, 0.5294, 0.3882
CMYK	0.01, 0.23, 0.00, 0.39
HSL	298°, 15%, 54%
HSV	298°, 23%, 61%
XYZ	26.2348, 22.8018, 34.4710
YIQ	134.5690, 9.3040, 18.6160

Conversions

Conversions Part 2

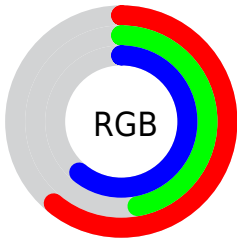
Format	Color
R_{YB}	155, 120, 156
Decimal	10188956
CIE _{Lab}	54.87, 20.09, -14.12
CIE _{LCh}	55, 24.554, 324.884
Yxy	22.8018, 0.3142, 0.2731
Android (android.graphics.Color)	4288379036 (0xFF9B789C)
YUV	134.5690, 10.5655, 17.9180
Hunter-Lab	47.7512, 14.5043, -9.3748

Details

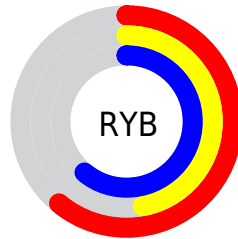
The XYZ color **26.2348, 22.8018, 34.4710** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1646, 29.1986, 22.1854**, and the grayscale version is **22.8300, 24.0189, 26.1566**.

A 20% lighter version of the original color is **53.2798, 48.2919, 68.1411**, and **10.3966, 8.4100, 14.4399** is the 20% darker color. If you saturate the color by 10%, you get **24.4266, 19.3083, 33.8923**, and if you desaturate by 10%, it is **28.3503, 26.9088, 35.1526**.

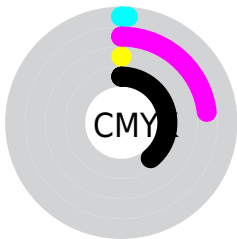
Distribution



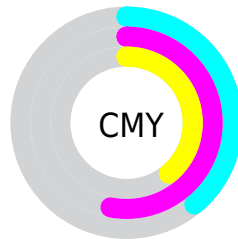
- Red (61%)
- Green (47%)
- Blue (61%)



- Red (61%)
- Yellow (47%)
- Blue (61%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2348, 22.8018, 34.4710 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 26.2348, 22.8018, 34.4710 by changing the saturation by 10% instead.

■ 26.2348, 22.8018,
34.4710

■ 26.2348, 22.8018,
34.4710

276.1684,
266.7054, 337.0602

■ 17.1330, 14.4472,
22.9754

■ 53.0821, 48.0677,
67.8077

■ 10.4252, 8.4324,
14.3702

■ 71.5583, 65.7478,
90.4858

■ 5.7462, 4.3728,
8.2369

■ 93.8900, 87.3052,
117.7286

■ 2.7306, 1.8842,
4.1570

120.4425,
113.1242, 149.9545

■ 1.0129, 0.5389,
1.7119

151.5813,
143.5894, 187.5820

■ 0.0000, 0.0000,
0.3688

187.6716,

■ 0.0000, 0.0000,

179.0851, 231.0298

0.0000

229.0789,
219.9956, 280.7164

■ 26.2348, 22.8018,
34.4710

■ 26.2348, 22.8018,
34.4710

■ 24.4266, 19.3083,
33.8923

■ 28.3503, 26.9088,
35.1526

■ 22.9089, 16.3956,
33.4101

■ 30.7849, 31.6539,
35.9401

■ 21.6664, 14.0329,
33.0196

■ 33.5522, 37.0639,
36.8385

■ 20.6815, 12.1850,
32.7148

■ 36.6644, 43.1633,
37.8518

■ 19.9346, 10.8127,
32.4893

■ 40.1331, 49.9753,
38.9838

■ 19.4034, 9.8713,
32.3356

■ 43.9694, 57.5220,
40.2383

■ 19.0612, 9.3075,
32.2448

■ 48.1839, 65.8245,
41.6187

■ 18.8877, 9.0438,
32.2030

■ 52.7867, 74.9033,
43.1285

■ 56.0392, 81.2811,
44.1881

Harmonies

Analogous

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



23.9468, 22.8018, 41.0314



26.2348, 22.8018, 34.4710



27.3059, 22.8018, 26.1861

Triad

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



26.2348, 22.8018, 34.4710



22.1418, 22.8018, 12.7039



17.2686, 22.8018, 31.6731

Complementary

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



26.2348, 22.8018, 34.4710



23.1646, 29.1986, 22.1854

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.



16.8725, 22.8018, 23.5163



26.2348, 22.8018, 34.4710



19.5468, 22.8018, 13.5739

Square

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



26.2348, 22.8018, 34.4710



24.8200, 22.8018, 14.4861



17.6723, 22.8018, 17.1742



18.8029, 22.8018, 39.1938

Rectangle

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



26.2348, 22.8018, 34.4710



27.1260, 22.8018, 21.1776



17.6723, 22.8018, 17.1742



17.0037, 22.8018, 28.8739

Sweetspot

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



26.2355, 22.8028, 34.4715



54.0452, 53.8468, 64.6717



20.6092, 20.1179, 34.2498



11.8406, 11.7478, 14.2139



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.



26.2355, 22.8028, 34.4715



45.7833, 37.8041, 62.0106



25.1023, 22.3718, 27.4987



6.8859, 6.7452, 8.3457



15.5625, 7.4518, 26.5253



0.2834, 0.1359, 0.4745

Inverse Universe

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



23.8788, 21.8824, 21.0554



40.6992, 35.8204, 32.9799



24.1360, 29.5710, 28.0283



6.6402, 6.6490, 6.9562



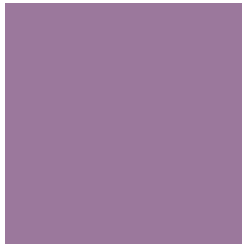
11.3148, 5.8305, 0.6429



0.2043, 0.1050, 0.0217

Previews

White Background



This preview shows how the XYZ color 26.2348, 22.8018, 34.4710 looks on a white background.

Color Contrast Check

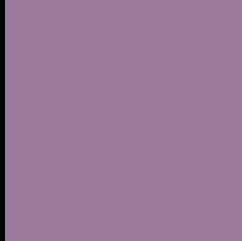
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2348, 22.8018, 34.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

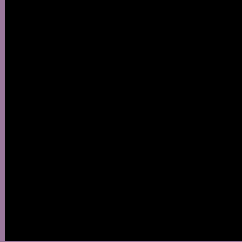
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2348, 22.8018, 34.4710

Background



This preview shows how black text looks on a background with the XYZ color 26.2348, 22.8018, 34.4710.



This preview shows how white text looks on a background with the XYZ color 26.2348, 22.8018,

34.4710.

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

26.2348, 22.8018, 34.4710

Protanopia

22.9057, 22.8947, 37.8622

Deuteranopia

23.2248, 22.7580, 33.7405



Tritanopia

24.4596, 22.8119, 25.6682

Trichromacy



Original Color

26.2348, 22.8018, 34.4710

Protanomaly

23.7977, 22.6107, 36.3677

Deuteranomaly

24.2345, 22.6965, 34.1139

Tritanomaly

25.1023, 22.8912, 28.6866

Monochromacy



Original Color

26.2348, 22.8018, 34.4710

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.0959, 23.6992, 29.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2348, 22.8018, 34.4710 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(155, 120, 156)` looks like.

```
.text, #text, p{  
  color:rgb(155, 120, 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(155, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 120, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.2348, 22.8018, 34.4710 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(155, 120, 156) }
```


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

```
.border{ border-color:rgb(155, 120, 156) }
```

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

Here you see how a box with a 4 pixel rgb(155, 120, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 120,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2348, 22.8018, 34.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 120, 156) }
```

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

```
.background{ background-color: rgb(155,  
120, 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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