

Converting Colors

XYZ(26.0302, 21.4530, 31.9018)

Have a look what the booklet for
XYZ(26.0302, 21.4530, 31.9018)
contains.

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Color

**XYZ(26.0780, 21.3998,
32.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	A17097
RGB	161, 112, 151
RGB Percent	63%, 44%, 59%
CMY	0.3686, 0.5608, 0.4078
CMYK	0.00, 0.30, 0.06, 0.37
HSL	312°, 21%, 54%
HSV	312°, 30%, 63%
XYZ	26.0780, 21.3998, 32.0343
YIQ	131.0970, 16.6850, 22.5170

Conversions

Conversions Part 2

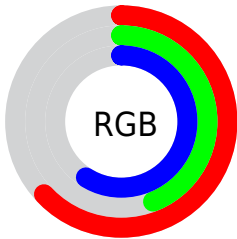
Format	Color
RYB	161, 112, 151
Decimal	10580119
CIELab	53.38, 25.83, -13.39
CIELCh	53, 29.094, 332.595
Yxy	21.3998, 0.3280, 0.2691
Android (android.graphics.Color)	4288770199 (0xFFFA17097)
YUV	131.0970, 9.8122, 26.2249
Hunter-Lab	46.2599, 19.6705, -8.6755

Details

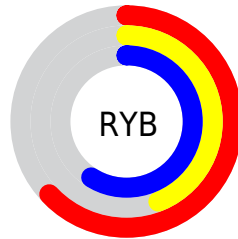
The XYZ color **26.0780, 21.3998, 32.0343** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9407, 30.3402, 23.0608**, and the grayscale version is **21.5705, 22.6938, 24.7136**.

A 20% lighter version of the original color is **52.6138, 45.5576, 63.7781**, and **10.3844, 7.7263, 13.0006** is the 20% darker color. If you saturate the color by 10%, you get **24.1949, 18.0545, 30.1084**, and if you desaturate by 10%, it is **28.2875, 25.3853, 34.1061**.

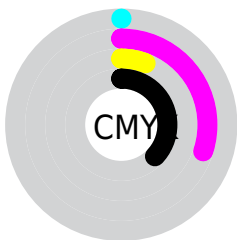
Distribution



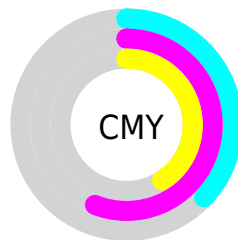
- Red (63%)
- Green (44%)
- Blue (59%)



- Red (63%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (37%)





- Cyan (37%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0780, 21.3998, 32.0343 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 26.0780, 21.3998, 32.0343 by changing the saturation by 10% instead.

 26.0780, 21.3998,
32.0343


 26.0780, 21.3998,
32.0343

275.4144,
259.3956, 325.7730


 17.0150, 13.4166,
21.1227


 52.8312, 45.7520,
63.9634

 10.3405, 7.7160,
13.0216


 71.2520, 62.8897,
85.8179

 5.6893, 3.9138,
7.3125


 93.5229, 83.8477,
112.1572

 2.6960, 1.6254,
3.5769

 120.0091,
109.0103, 143.3997

 0.9951, 0.3747,
1.3962

151.0760,
138.7621, 179.9640

 0.0000, 0.0000,
0.1388

187.0889,

 0.0000, 0.0000,

173.4873, 222.2686

0.0000

228.4133,
213.5703, 270.7321

■ 26.0780, 21.3998,
32.0343

■ 26.0780, 21.3998,
32.0343

■ 24.1949, 18.0545,
30.1084

■ 28.2875, 25.3853,
34.1061

■ 22.6193, 15.3125,
28.3212

■ 30.8371, 30.0395,
36.3281

■ 21.3332, 13.1380,
26.6667

■ 33.7422, 35.3926,
38.7058

■ 20.3160, 11.4896,
25.1375

■ 37.0167, 41.4721,
41.2443

■ 19.5443, 10.3208,
23.7258

■ 40.6735, 48.3042,
43.9480

■ 18.9907, 9.5767,
22.4219

■ 44.7252, 55.9136,
46.8215

■ 18.6037, 9.1394,
21.2545

■ 49.1836, 64.3240,
49.8690

■ 54.0601, 73.5579,
53.0944

■ 58.7549, 82.4159,
56.2983

Harmonies

Analogous

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



23.7081, 21.3998, 40.7588



26.0780, 21.3998, 32.0343



26.8648, 21.3998, 22.5395

Triad

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



26.0780, 21.3998, 32.0343



20.0723, 21.3998, 10.1097



15.7374, 21.3998, 33.7111

Complementary

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



26.0780, 21.3998, 32.0343



22.9407, 30.3402, 23.0608

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.



14.9675, 21.3998, 24.0790



26.0780, 21.3998, 32.0343



17.3068, 21.3998, 11.7122

Square

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



26.0780, 21.3998, 32.0343



23.1963, 21.3998, 11.2323



15.5120, 21.3998, 16.3191



17.7281, 21.3998, 41.8865

Rectangle

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



26.0780, 21.3998, 32.0343



26.3273, 21.3998, 17.3603



15.5120, 21.3998, 16.3191



15.3369, 21.3998, 30.4619

Sweetspot

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



26.0787, 21.4008, 32.0347



55.8479, 54.9390, 65.5826



20.2259, 18.2857, 36.1819



12.1000, 11.7768, 14.2586



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.



26.0787, 21.4008, 32.0347



44.1982, 33.8642, 54.8405



24.3041, 20.6909, 22.6901



7.3021, 7.1773, 8.5772



14.8729, 7.3052, 17.0533



0.3273, 0.1594, 0.4364

Inverse Universe

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



26.0787, 21.4008, 32.0347



44.1982, 33.8642, 54.8405



24.6394, 31.0197, 32.0061



7.3021, 7.1773, 8.5772



14.8729, 7.3052, 17.0533



0.3273, 0.1594, 0.4364

Previews

White Background



This preview shows how the XYZ color 26.0780, 21.3998, 32.0343 looks on a white background.

Color Contrast Check

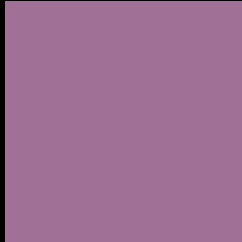
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0780, 21.3998, 32.0343 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 26.0780, 21.3998, 32.0343

Background



This preview shows how black text looks on a background with the XYZ color 26.0780, 21.3998, 32.0343.



This preview shows how white text looks on a background with the XYZ color 26.0780, 21.3998,

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

26.0780, 21.3998, 32.0343

Protanopia

21.6301, 21.6739, 36.7617

Deuteranopia

21.9644, 21.5830, 31.4421



Tritanopia

24.2277, 21.4980, 22.6113

Trichromacy



Original Color

26.0780, 21.3998, 32.0343

Protanomaly

22.8769, 21.4217, 34.8274

Deuteranomaly

23.2060, 21.2977, 31.7419

Tritanomaly

24.8020, 21.3817, 25.7415

Monochromacy



Original Color

26.0780, 21.3998, 32.0343

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9504, 22.0011, 27.0818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0780, 21.3998, 32.0343 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(161, 112, 151)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 151)  
}
```

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(161, 112, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 151) }
```

Border

The CSS property to change the border of an element to XYZ 26.0780, 21.3998, 32.0343 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(161, 112, 151) }
```


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

```
.border{ border-color:rgb(161, 112, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 151);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0780, 21.3998, 32.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 151) }
```

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

```
.background{ background-color: rgb(161,  
112, 151) }
```

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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