

Converting Colors

XYZ(26.2360, 19.0813, 21.2466)

Have a look what the booklet for
XYZ(26.2360, 19.0813, 21.2466)
contains.

XYZ(26.2312, 19.0443, 21.3622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2312, 19.0443,
21.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	B35E7C
RGB	179, 94, 124
RGB Percent	70%, 37%, 49%
CMY	0.2980, 0.6314, 0.5137
CMYK	0.00, 0.47, 0.31, 0.30
HSL	339°, 36%, 54%
HSV	339°, 47%, 70%
XYZ	26.2312, 19.0443, 21.3622
YIQ	122.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

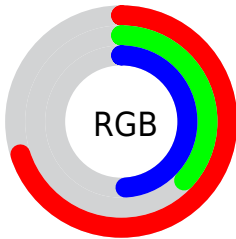
Format	Color
R_{YB}	179, 94, 124
Decimal	11755132
CIE _{Lab}	50.74, 37.87, -1.15
CIE _{LCh}	51, 37.883, 358.265
Yxy	19.0443, 0.3936, 0.2858
Android (android.graphics.Color)	4289945212 (0xFFB35E7C)
YUV	122.8350, 0.5743, 49.2567
Hunter-Lab	43.6398, 30.9240, 1.5247

Details

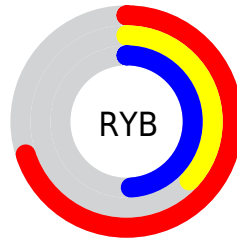
The XYZ color **26.2312, 19.0443, 21.3622** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.1619, 36.7903, 34.1579**, and the grayscale version is **18.7616, 19.7386, 21.4954**.

A 20% lighter version of the original color is **53.0404, 41.6969, 46.3271**, and **10.4829, 6.5945, 7.3770** is the 20% darker color. If you saturate the color by 10%, you get **24.1301, 15.9462, 17.2576**, and if you desaturate by 10%, it is **28.7885, 22.9168, 26.0438**.

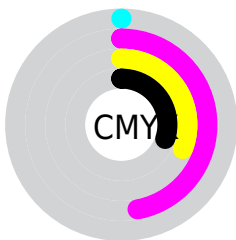
Distribution



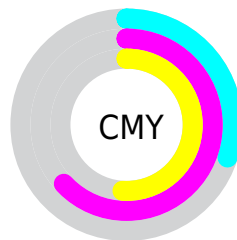
- Red (70%)
- Green (37%)
- Blue (49%)



- Red (70%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (47%)
- Yellow (31%)
- Black (30%)





- Cyan (30%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2312, 19.0443, 21.3622 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 26.2312, 19.0443, 21.3622 by changing the saturation by 10% instead.

 26.2312, 19.0443,
21.3622


 26.2312, 19.0443,
21.3622


276.1511,
246.6932, 272.0412


 17.1303, 11.7023,
13.1952


 53.0763, 41.8089,
46.5782


 10.4233, 6.5413,
7.4308


 71.5513, 58.0004,
64.4642

 5.7449, 3.1769,
3.6504

 93.8816, 77.9104,
86.4270

 2.7298, 1.2248,
1.4356

 120.4326,
101.9234, 112.8851

 1.0125, 0.0818,
0.1693

151.5697,
130.4238, 144.2570

 0.0000, 0.0000,
0.0000

187.6583,

163.7960, 180.9613

229.0636,
202.4243, 223.4165

■ 26.2312, 19.0443,
21.3622

■ 26.2312, 19.0443,
21.3622

■ 24.1301, 15.9462,
17.2576

■ 28.7885, 22.9168,
26.0438

■ 22.4548, 13.5669,
13.7047

■ 31.8267, 27.6089,
31.3239

■ 21.1734, 11.8475,
10.6776

■ 35.3704, 33.1656,
37.2244

■ 20.2485, 10.7185,
8.1474

■ 39.4421, 39.6276,
43.7653

■ 19.6253, 10.0759,
6.0781

■ 44.0630, 47.0333,
50.9660

■ 19.4925, 9.9445,
5.6199

■ 49.2529, 55.4186,
58.8448

■ 55.0308, 64.8177,
67.4195

■ 61.4147, 75.2631,
76.7069

■ 68.3883, 86.7189,
86.7124

Harmonies

Analogous

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



24.8898, 19.0443, 33.4818



26.2312, 19.0443, 21.3622



25.1584, 19.0443, 12.4708

Triad

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



26.2312, 19.0443, 21.3622



14.9213, 19.0443, 7.4225



14.5941, 19.0443, 43.4872

Complementary

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



26.2312, 19.0443, 21.3622



26.1619, 36.7903, 34.1579

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.



12.5048, 19.0443, 32.0254



26.2312, 19.0443, 21.3622



12.6747, 19.0443, 11.7212

Square

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



26.2312, 19.0443, 21.3622



18.3184, 19.0443, 6.2624



11.8527, 19.0443, 20.1222



17.8854, 19.0443, 48.6829

Rectangle

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



26.2312, 19.0443, 21.3622



23.2910, 19.0443, 8.9000



11.8527, 19.0443, 20.1222



13.7457, 19.0443, 40.0818

Sweetspot

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



26.2317, 19.0452, 21.3626



65.6095, 62.9751, 70.3439



24.3228, 17.5415, 44.7519



14.2033, 13.4262, 15.0454



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.2317, 19.0452, 21.3626



43.0554, 28.3263, 30.5807



25.6971, 20.5640, 13.2057



8.6161, 8.5532, 9.4769



13.8026, 7.0386, 4.1206



0.4626, 0.2328, 0.2790

Inverse Universe

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



26.2317, 19.0452, 21.3626



43.0554, 28.3263, 30.5807



26.6946, 33.5173, 47.7105



8.6161, 8.5532, 9.4769



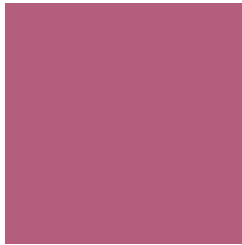
13.8026, 7.0386, 4.1206



0.4626, 0.2328, 0.2790

Previews

White Background



This preview shows how the XYZ color 26.2312, 19.0443, 21.3622 looks on a white background.

Color Contrast Check

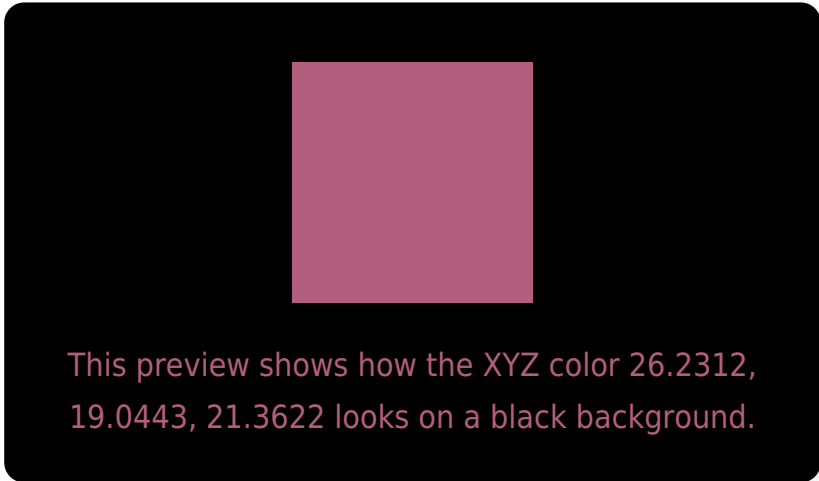
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 26.2312, 19.0443, 21.3622

Background



This preview shows how black text looks on a background with the XYZ color 26.2312, 19.0443, 21.3622.



This preview shows how white text looks on a background with the XYZ color 26.2312, 19.0443,

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

26.2312, 19.0443, 21.3622

Protanopia

18.9213, 19.1779, 27.5154

Deuteranopia

19.4243, 19.0652, 20.4255



Tritanopia

25.0489, 19.1024, 15.7315

Trichromacy



Original Color

26.2312, 19.0443, 21.3622

Protanomaly

20.8027, 18.6656, 25.0606

Deuteranomaly

21.4975, 18.8018, 20.5852

Tritanomaly

25.5594, 19.1842, 17.6850

Monochromacy



Original Color

26.2312, 19.0443, 21.3622

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.6970, 18.8580, 21.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2312, 19.0443, 21.3622 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(179, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(179, 94, 124)  
}
```

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(179, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 94, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.2312, 19.0443, 21.3622 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(179, 94, 124) }
```


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

```
.border{ border-color:rgb(179, 94, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 94, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(179, 94,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2312, 19.0443, 21.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 94, 124) }
```

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

```
.background{ background-color: rgb(179, 94,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor