

Converting Colors

XYZ(22.6132, 15.8998, 32.6709)

Have a look what the booklet for
XYZ(22.6132, 15.8998, 32.6709)
contains.

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Color

**XYZ(22.7618, 15.9907,
32.8972)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9B569B |
| RGB | 155, 86, 155 |
| RGB Percent | 61%, 34%, 61% |
| CMY | 0.3922, 0.6627, 0.3922 |
| CMYK | 0.00, 0.45, 0.00, 0.39 |
| HSL | 300°, 29%, 47% |
| HSV | 300°, 45%, 61% |
| XYZ | 22.7618, 15.9907, 32.8972 |
| YIQ | 114.4970, 18.9750, 36.0870 |

Conversions

Conversions Part 2

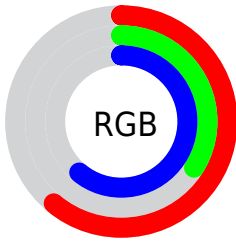
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 155, 86, 155 |
| Decimal | 10180251 |
| CIE _{Lab} | 46.96, 39.11, -25.65 |
| CIE _{LCh} | 47, 46.769, 326.743 |
| Yxy | 15.9907, 0.3177, 0.2232 |
| Android (android.graphics.Color) | 4288370331 (0xFF9B569B) |
| YUV | 114.4970, 19.9680, 35.5211 |
| Hunter-Lab | 39.9884, 31.6244, -20.7842 |

Details

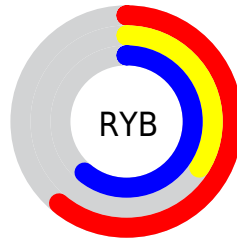
The XYZ color **22.7618, 15.9907, 32.8972** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.2395, 26.0937, 12.9330**, and the grayscale version is **16.0819, 16.9194, 18.4252**.

A 20% lighter version of the original color is **47.5853, 36.6790, 65.5445**, and **8.6091, 5.0860, 13.6247** is the 20% darker color. If you saturate the color by 10%, you get **21.6560, 13.7788, 32.5287**, and if you desaturate by 10%, it is **24.1370, 18.7407, 33.3558**.

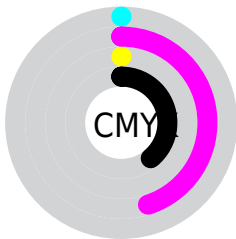
Distribution



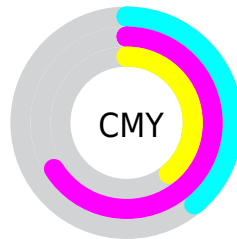
- Red (61%)
- Green (34%)
- Blue (61%)



- Red (61%)
- Yellow (34%)
- Blue (61%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (39%)





- Cyan (39%)
- Magenta (66%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.7618, 15.9907, 32.8972 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 22.7618, 15.9907, 32.8972 by changing the saturation by 10% instead.


 22.7618, 15.9907,
32.8972


 22.7618, 15.9907,
32.8972


259.0574,
229.2868, 329.8041


 14.5374, 9.5176,
21.7772


 47.4714, 36.5821,
65.3292


 8.5796, 5.0803,
13.4966


 64.6875, 51.4691,
87.4782


 4.5229, 2.2944,
7.6366


 85.6314, 69.9295,
114.1408

 2.0020, 0.7708,
3.7789

 110.6686, 92.3478,
145.7353

 0.6351, 0.0000,
1.5049

 140.1645,
119.1082, 182.6803

 0.0000, 0.0000,
0.2215

174.4843,

 0.0000, 0.0000,

150.5953, 225.3944

0.0000

213.9935,
187.1934, 274.2962

■ 22.7618, 15.9907,
32.8972

■ 22.7618, 15.9907,
32.8972

■ 21.6560, 13.7788,
32.5287

■ 24.1370, 18.7407,
33.3558

■ 20.8006, 12.0679,
32.2435

■ 25.7960, 22.0587,
33.9089

■ 20.1764, 10.8196,
32.0353

■ 27.7541, 25.9748,
34.5617

■ 19.7609, 9.9886,
31.8968

■ 30.0249, 30.5164,
35.3187

■ 19.5265, 9.5198,
31.8185

■ 32.6212, 35.7091,
36.1842

■ 19.4342, 9.3352,
31.7877

■ 35.5553, 41.5772,
37.1623

■ 38.8386, 48.1438,
38.2568

■ 42.4821, 55.4308,
39.4714

■ 46.4963, 63.4591,
40.8095

Harmonies

Analogous

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



19.0159, 15.9907, 46.2312



22.7618, 15.9907, 32.8972



24.4708, 15.9907, 18.7211

Triad

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



22.7618, 15.9907, 32.8972



15.6494, 15.9907, 3.2222



9.2061, 15.9907, 29.6279

Complementary

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



22.7618, 15.9907, 32.8972



17.2395, 26.0937, 12.9330

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.



8.6261, 15.9907, 16.1638



22.7618, 15.9907, 32.8972



11.9299, 15.9907, 4.0551

Square

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



22.7618, 15.9907, 32.8972



19.9278, 15.9907, 4.5585



9.5293, 15.9907, 7.7564



11.2840, 15.9907, 43.8230

Rectangle

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



22.7618, 15.9907, 32.8972



24.0332, 15.9907, 11.6995



9.5293, 15.9907, 7.7564



8.8476, 15.9907, 24.7321

Sweetspot

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



22.7623, 15.9914, 32.8975



50.1851, 47.4801, 62.0556



13.0827, 11.0013, 32.4449



11.1800, 10.3887, 13.9863



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.



22.7623, 15.9914, 32.8975



38.8676, 24.8453, 58.2826



20.2666, 14.9931, 19.7554



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5316



0.2334, 0.1121, 0.3817

Inverse Universe

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



22.7623, 15.9914, 32.8975



38.8676, 24.8453, 58.2826



18.9804, 26.7900, 22.1002



6.4612, 6.3237, 7.8090



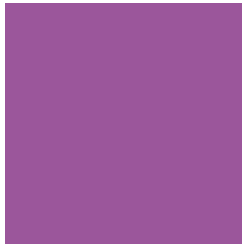
15.6094, 7.4980, 25.5316



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 22.7618, 15.9907, 32.8972 looks on a white background.

Color Contrast Check

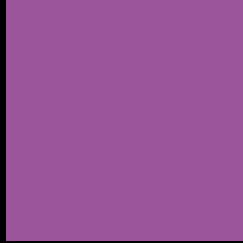
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.7618, 15.9907, 32.8972 looks on a black 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

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

XYZ 22.7618, 15.9907, 32.8972

Background



This preview shows how black text looks on a background with the XYZ color 22.7618, 15.9907, 32.8972.



This preview shows how white text looks on a background with the XYZ color 22.7618, 15.9907,

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

22.7618, 15.9907, 32.8972

Protanopia

17.2404, 16.2826, 42.2786

Deuteranopia

16.5287, 16.1529, 31.5248



Tritanopia

19.2189, 15.9589, 15.4320

Trichromacy



Original Color

22.7618, 15.9907, 32.8972

Protanomaly

18.3108, 15.5421, 38.5941

Deuteranomaly

18.2063, 15.6393, 31.7649

Tritanomaly

20.2520, 15.8381, 20.7285

Monochromacy



Original Color

22.7618, 15.9907, 32.8972

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.9660, 16.1527, 22.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7618, 15.9907, 32.8972 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, 86, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 86, 155)  
}
```

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, 86, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 86, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.7618, 15.9907, 32.8972 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, 86, 155) }
```


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

```
.border{ border-color:rgb(155, 86, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 86, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 86, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 86, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 86,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7618, 15.9907, 32.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 86, 155) }
```

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

```
.background{ background-color: rgb(155, 86,  
155) }
```

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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