

Converting Colors

XYZ(22.1493, 15.5066, 29.8935)

Have a look what the booklet for
XYZ(22.1493, 15.5066, 29.8935)
contains.

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Color

**XYZ(22.2259, 15.5467,
29.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5494
RGB	156, 84, 148
RGB Percent	61%, 33%, 58%
CMY	0.3882, 0.6706, 0.4196
CMYK	0.00, 0.46, 0.05, 0.39
HSL	307°, 30%, 47%
HSV	307°, 46%, 61%
XYZ	22.2259, 15.5467, 29.8463
YIQ	112.8240, 22.3680, 35.1680

Conversions

Conversions Part 2

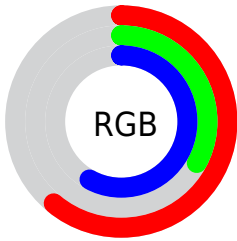
Format	Color
R _Y B	156, 84, 148
Decimal	10245268
CIE Lab	46.37, 39.19, -22.38
CIE LCh	46, 45.128, 330.272
Yxy	15.5467, 0.3287, 0.2299
Android (android.graphics.Color)	4288435348 (0xFF9C5494)
YUV	112.8240, 17.3418, 37.8654
Hunter-Lab	39.4293, 31.6174, -17.2795

Details

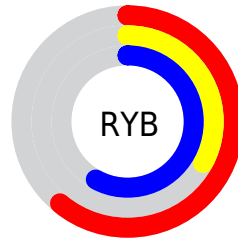
The XYZ color **22.2259, 15.5467, 29.8463** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.4771, 26.4350, 14.3076**, and the grayscale version is **15.5901, 16.4020, 17.8617**.

A 20% lighter version of the original color is **46.6162, 35.8696, 60.3437**, and **8.3232, 4.8907, 11.8146** is the 20% darker color. If you saturate the color by 10%, you get **21.0112, 13.3349, 28.7696**, and if you desaturate by 10%, it is **23.7133, 18.3000, 31.0244**.

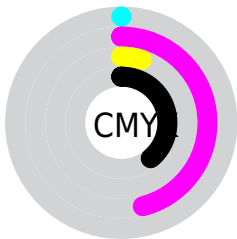
Distribution



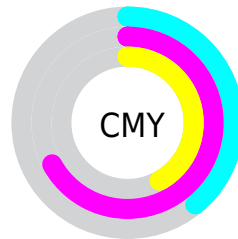
- Red (61%)
- Green (33%)
- Blue (58%)



- Red (61%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (46%)
- Yellow (5%)
- Black (39%)



- Cyan (39%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2259, 15.5467, 29.8463 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 22.2259, 15.5467, 29.8463 by changing the saturation by 10% instead.

■ 22.2259, 15.5467,
29.8463

■ 22.2259, 15.5467,
29.8463

256.3340,
226.6518, 315.3723

■ 14.1405, 9.2040,
19.4709

■ 46.5952, 35.8094,
60.4772

■ 8.3008, 4.8745,
11.8308

■ 63.6097, 50.4982,
81.5697

■ 4.3415, 2.1738,
6.5074

■ 84.3314, 68.7378,
107.0717

■ 1.8971, 0.7056,
3.0823

■ 109.1256, 90.9127,
137.4017

■ 0.5751, 0.0000,
1.1368

■ 138.3576,
117.4071, 172.9782

■ 0.0000, 0.0000,
0.0000

172.3927,

148.6055, 214.2198

211.5964,
184.8922, 261.5450

■ 22.2259, 15.5467,
29.8463

■ 22.2259, 15.5467,
29.8463

■ 21.0112, 13.3349,
28.7696

■ 23.7133, 18.3000,
31.0244

■ 20.0495, 11.6263,
27.7872

■ 25.4885, 21.6257,
32.3083

■ 19.3211, 10.3810,
26.8926

■ 27.5669, 25.5546,
33.7037

■ 18.8025, 9.5518,
26.0779

■ 29.9627, 30.1150,
35.2150

■ 18.4602, 9.0722,
25.3320

■ 32.6890, 35.3332,
36.8469

■ 18.3463, 8.9223,
25.0535

■ 35.7584, 41.2341,
38.6035

■ 39.1826, 47.8412,
40.4887

■ 42.9729, 55.1771,
42.5064

■ 47.1399, 63.2631,
44.6602

Harmonies

Analogous

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



18.8541, 15.5467, 42.8076



22.2259, 15.5467, 29.8463



23.5363, 15.5467, 16.8266

Triad

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



22.2259, 15.5467, 29.8463



14.7413, 15.5467, 3.3092



9.2370, 15.5467, 30.1032

Complementary

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



22.2259, 15.5467, 29.8463



17.4771, 26.4350, 14.3076

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.



8.5149, 15.5467, 17.0292



22.2259, 15.5467, 29.8463



11.3341, 15.5467, 4.3876

Square

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



22.2259, 15.5467, 29.8463



18.7821, 15.5467, 4.3465



9.2112, 15.5467, 8.4069



11.3855, 15.5467, 42.9959

Rectangle

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



22.2259, 15.5467, 29.8463



22.9133, 15.5467, 10.5656



9.2112, 15.5467, 8.4069



8.8381, 15.5467, 25.4369

Sweetspot

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



22.2264, 15.5474, 29.8466



50.8398, 47.8778, 61.7131



13.5060, 10.9761, 32.8596



11.0051, 10.1899, 13.4620



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.



22.2264, 15.5474, 29.8466



38.1743, 24.2421, 52.2650



19.8506, 14.5971, 17.3359



6.8724, 6.7419, 8.1791



15.1194, 7.3523, 20.6777



0.2785, 0.1347, 0.4127

Inverse Universe

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



22.2264, 15.5474, 29.8466



38.1743, 24.2421, 52.2650



19.3891, 27.1998, 24.3760



6.8724, 6.7419, 8.1791



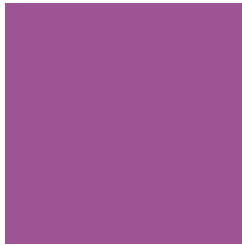
15.1194, 7.3523, 20.6777



0.2785, 0.1347, 0.4127

Previews

White Background



This preview shows how the XYZ color 22.2259, 15.5467, 29.8463 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 22.2259, 15.5467, 29.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

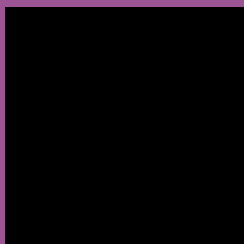
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.2259, 15.5467, 29.8463

Background



This preview shows how black text looks on a background with the XYZ color 22.2259, 15.5467, 29.8463.



This preview shows how white text looks on a background with the XYZ color 22.2259, 15.5467,

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

22.2259, 15.5467, 29.8463

Protanopia

16.5541, 15.6888, 38.7150

Deuteranopia

15.9901, 15.6223, 28.5582



Tritanopia

18.9293, 15.4290, 14.2923

Trichromacy



Original Color

22.2259, 15.5467, 29.8463

Protanomaly

17.7464, 15.0392, 35.2252

Deuteranomaly

17.5987, 15.1056, 28.7762

Tritanomaly

19.8751, 15.2957, 19.0444

Monochromacy



Original Color

22.2259, 15.5467, 29.8463

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.5705, 15.6762, 21.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2259, 15.5467, 29.8463 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, 84, 148)` looks like.

```
.text, #text, p{  
    color:rgb(156, 84, 148)  
}
```

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, 84, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 84, 148) }
```

Border

The CSS property to change the border of an element to XYZ 22.2259, 15.5467, 29.8463 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, 84, 148) }
```


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

```
.border{ border-color:rgb(156, 84, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 84, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 84, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 84, 148);  
box-shadow:4px 4px 4px 4px rgb(156, 84,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2259, 15.5467, 29.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 84, 148) }
```

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

```
.background{ background-color: rgb(156, 84,  
148) }
```

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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