

Converting Colors

XYZ(22.2963, 15.4626, 35.5662)

Have a look what the booklet for
XYZ(22.2963, 15.4626, 35.5662)
contains.

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Color

**XYZ(22.3658, 15.4932,
35.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	9754A1
RGB	151, 84, 161
RGB Percent	59%, 33%, 63%
CMY	0.4078, 0.6706, 0.3686
CMYK	0.06, 0.48, 0.00, 0.37
HSL	292°, 31%, 48%
HSV	292°, 48%, 63%
XYZ	22.3658, 15.4932, 35.5299
YIQ	112.8110, 15.2150, 38.1510

Conversions

Conversions Part 2

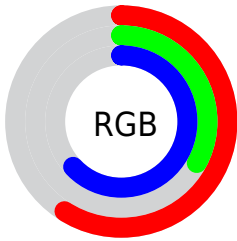
Format	Color
R_{YB}	151, 84, 161
Decimal	9917601
CIE _{Lab}	46.30, 40.14, -30.27
CIE _{LCh}	46, 50.278, 322.978
Yxy	15.4932, 0.3048, 0.2111
Android (android.graphics.Color)	4288107681 (0xFF9754A1)
YUV	112.8110, 23.7572, 33.4918
Hunter-Lab	39.3614, 32.5442, -25.9656

Details

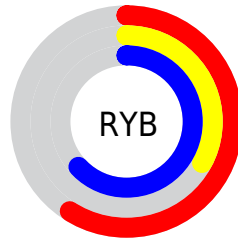
The XYZ color **22.3658, 15.4932, 35.5299** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9618, 28.5099, 12.8919**, and the grayscale version is **15.5694, 16.3802, 17.8380**.

A 20% lighter version of the original color is **46.9310, 35.8316, 69.4084**, and **8.3693, 4.8449, 14.9620** is the 20% darker color. If you saturate the color by 10%, you get **20.8724, 13.0769, 35.1425**, and if you desaturate by 10%, it is **24.1544, 18.4888, 36.0141**.

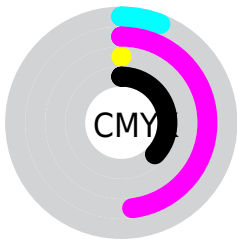
Distribution



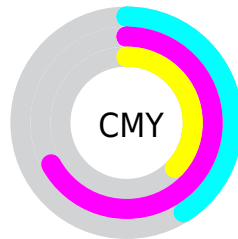
- Red (59%)
- Green (33%)
- Blue (63%)



- Red (59%)
- Yellow (33%)
- Blue (63%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (37%)



- Cyan (41%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3658, 15.4932, 35.5299 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 22.3658, 15.4932, 35.5299 by changing the saturation by 10% instead.

■ 22.3658, 15.4932,
35.5299

■ 22.3658, 15.4932,
35.5299

257.0473,
226.3323, 341.8762

■ 14.2440, 9.1663,
23.7845

■ 46.8242, 35.7161,
69.4667

■ 8.3734, 4.8498,
14.9631

■ 63.8916, 50.3809,
92.4952

■ 4.3886, 2.1594,
8.6472

■ 84.6715, 68.5937,
120.1219

■ 1.9243, 0.6977,
4.4181

■ 109.5294, 90.7389,
152.7653

■ 0.5909, 0.0000,
1.8574

■ 138.8305,
117.2010, 190.8438

■ 0.0000, 0.0000,
0.4654

172.9403,

■ 0.0000, 0.0000,

148.3644, 234.7761

0.0000

212.2241,
184.6133, 284.9807

■ 22.3658, 15.4932,
35.5299

■ 22.3658, 15.4932,
35.5299

■ 20.8724, 13.0769,
35.1425

■ 24.1544, 18.4888,
36.0141

■ 19.6525, 11.1980,
34.8441

■ 26.2547, 22.0978,
36.6000

■ 18.6842, 9.8122,
34.6276

■ 28.6837, 26.3540,
37.2935

■ 17.9412, 8.8670,
34.4843

■ 31.4570, 31.2883,
38.0997

■ 17.3786, 8.2723,
34.3992

■ 34.5889, 36.9295,
39.0235

■ 17.2636, 8.1566,
34.3829

■ 38.0930, 43.3046,
40.0694

■ 41.9822, 50.4394,
41.2415

■ 46.2688, 58.3584,
42.5441

■ 50.9645, 67.0849,
43.9810

Harmonies

Analogous

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



18.1964, 15.4932, 49.4255



22.3658, 15.4932, 35.5299



24.5548, 15.4932, 19.9343

Triad

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



22.3658, 15.4932, 35.5299



15.7603, 15.4932, 2.5897



8.3481, 15.4932, 27.9091

Complementary

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



22.3658, 15.4932, 35.5299



18.9618, 28.5099, 12.8919

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.



7.9477, 15.4932, 14.1361



22.3658, 15.4932, 35.5299



11.7272, 15.4932, 3.1089

Square

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



22.3658, 15.4932, 35.5299



20.2886, 15.4932, 4.1442



9.0601, 15.4932, 6.2486



10.2859, 15.4932, 43.7299

Rectangle

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



22.3658, 15.4932, 35.5299



24.3455, 15.4932, 12.0894



9.0601, 15.4932, 6.2486



8.0470, 15.4932, 22.7679

Sweetspot

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



22.3663, 15.4939, 35.5302



53.0663, 50.2023, 67.2796



14.1163, 12.5118, 35.3895



11.4238, 10.6299, 14.6933



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.



22.3663, 15.4939, 35.5302



37.3208, 23.3253, 62.9217



22.0863, 15.6054, 23.9546



7.2734, 7.1553, 8.9008



13.8120, 6.5268, 27.4616



0.3137, 0.1493, 0.5781

Inverse Universe

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



19.8892, 14.7266, 12.3848



32.5416, 21.8956, 15.9816



19.3393, 28.5500, 19.8896



7.1095, 7.1002, 7.5630



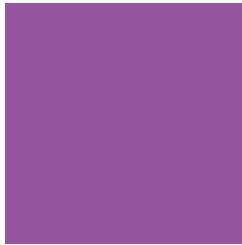
11.8553, 6.0982, 1.1628



0.2594, 0.1322, 0.0784

Previews

White Background



This preview shows how the XYZ color 22.3658, 15.4932, 35.5299 looks on a white background.

Color Contrast Check

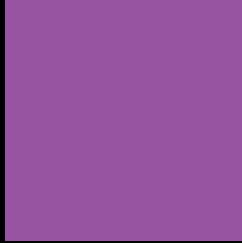
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3658, 15.4932, 35.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

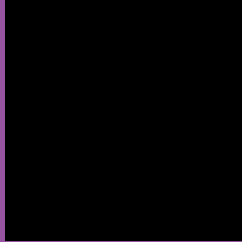
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.3658, 15.4932, 35.5299

Background



This preview shows how black text looks on a background with the XYZ color 22.3658, 15.4932, 35.5299.



This preview shows how white text looks on a background with the XYZ color 22.3658, 15.4932,

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

22.3658, 15.4932, 35.5299

Protanopia

17.0113, 15.7668, 45.8628

Deuteranopia

15.9836, 15.6647, 33.6337



Tritanopia

18.1522, 15.4089, 15.3821

Trichromacy



Original Color

22.3658, 15.4932, 35.5299

Protanomaly

18.0457, 15.0438, 41.9970

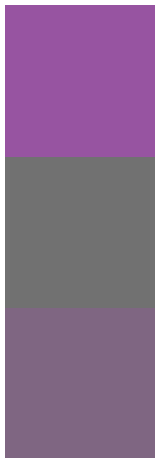
Deuteranomaly

17.6682, 15.1604, 34.3428

Tritanomaly

19.3829, 15.2460, 21.3232

Monochromacy



Original Color

22.3658, 15.4932, 35.5299

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.5330, 15.6265, 23.2112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3658, 15.4932, 35.5299 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(151, 84, 161)` looks like.

```
.text, #text, p{  
    color:rgb(151, 84, 161)  
}
```

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(151, 84, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 84, 161) }
```

Border

The CSS property to change the border of an element to XYZ 22.3658, 15.4932, 35.5299 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(151, 84, 161) }
```


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

```
.border{ border-color:rgb(151, 84, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 84, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 84, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 84, 161);  
box-shadow:4px 4px 4px 4px rgb(151, 84,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3658, 15.4932, 35.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 84, 161) }
```

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

```
.background{ background-color: rgb(151, 84,  
161) }
```

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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