

Converting Colors

XYZ(24.5479, 19.7606, 36.1986)

Have a look what the booklet for
XYZ(24.5479, 19.7606, 36.1986)
contains.

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Color

**XYZ(24.4532, 19.6679,
36.2257)**

Conversions

Conversions Part 1

Format	Color
Hex	976BA1
RGB	151, 107, 161
RGB Percent	59%, 42%, 63%
CMY	0.4078, 0.5804, 0.3686
CMYK	0.06, 0.34, 0.00, 0.37
HSL	289°, 22%, 53%
HSV	289°, 34%, 63%
XYZ	24.4532, 19.6679, 36.2257
YIQ	126.3120, 8.8900, 26.1220

Conversions

Conversions Part 2

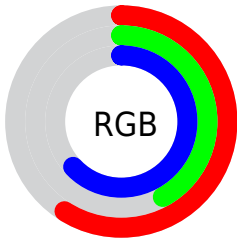
Format	Color
R_{YB}	151, 107, 161
Decimal	9923489
CIE _{Lab}	51.46, 27.23, -22.28
CIE _{LCh}	51, 35.182, 320.718
Yxy	19.6679, 0.3043, 0.2448
Android (android.graphics.Color)	4288113569 (0xFF976BA1)
YUV	126.3120, 17.1012, 21.6514
Hunter-Lab	44.3485, 20.8127, -17.3866

Details

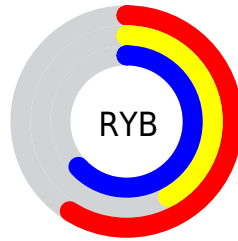
The XYZ color **24.4532, 19.6679, 36.2257** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.7355, 30.3337, 18.5675**, and the grayscale version is **19.8794, 20.9146, 22.7761**.

A 20% lighter version of the original color is **50.2464, 42.8760, 70.5934**, and **9.4699, 6.8847, 15.2978** is the 20% darker color. If you saturate the color by 10%, you get **22.3822, 16.3366, 35.6921**, and if you desaturate by 10%, it is **26.8520, 23.6332, 36.8649**.

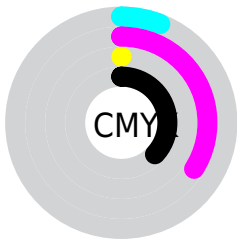
Distribution



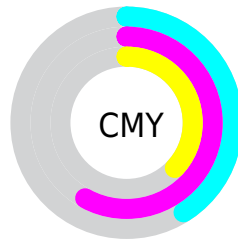
- Red (59%)
- Green (42%)
- Blue (63%)



- Red (59%)
- Yellow (42%)
- Blue (63%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (37%)



- Cyan (41%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4532, 19.6679, 36.2257 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 24.4532, 19.6679, 36.2257 by changing the saturation by 10% instead.

■ 24.4532, 19.6679,
36.2257

■ 24.4532, 19.6679,
36.2257

267.5019,
250.1116, 345.0132

■ 15.7967, 12.1539,
24.3175

■ 50.2181, 42.8597,
70.5532

■ 9.4703, 6.8486,
15.3549

■ 68.0571, 59.3062,
93.8097

■ 5.1088, 3.3676,
8.9195

■ 89.6878, 79.4991,
121.6859

■ 2.3466, 1.3265,
4.5926

■ 115.4753,
103.8226, 154.6005

■ 0.8184, 0.1616,
1.9558

145.7852,
132.6612, 192.9720

■ 0.0000, 0.0000,
0.5279

180.9827,

■ 0.0000, 0.0000,

166.3993, 237.2189

0.0000

221.4331,
205.4213, 287.7598

■ 24.4532, 19.6679,
36.2257

■ 24.4532, 19.6679,
36.2257

■ 22.3822, 16.3366,
35.6921

■ 26.8520, 23.6332,
36.8649

■ 20.6196, 13.6019,
35.2572

■ 29.5928, 28.2620,
37.6139

■ 19.1469, 11.4265,
34.9149

■ 32.6914, 33.5851,
38.4781

■ 17.9426, 9.7677,
34.6582

■ 36.1617, 39.6306,
39.4621

■ 16.9823, 8.5766,
34.4789

■ 40.0172, 46.4251,
40.5703

■ 16.2366, 7.7948,
34.3673

■ 44.2705, 53.9937,
41.8071

■ 15.8219, 7.4134,
34.3155

■ 48.9337, 62.3605,
43.1762

■ 54.0184, 71.5483,
44.6817

■ 59.5355, 81.5792,
46.3270

Harmonies

Analogous

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



21.1984, 19.6679, 45.2190



24.4532, 19.6679, 36.2257



26.2218, 19.6679, 24.7049

Triad

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



24.4532, 19.6679, 36.2257



19.8097, 19.6679, 7.3919



13.0382, 19.6679, 29.0516

Complementary

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



24.4532, 19.6679, 36.2257



22.7355, 30.3337, 18.5675

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.



12.7649, 19.6679, 18.4309



24.4532, 19.6679, 36.2257



16.3946, 19.6679, 7.8961

Square

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



24.4532, 19.6679, 36.2257



23.3274, 19.6679, 9.6200



13.9181, 19.6679, 11.3171



14.7183, 19.6679, 40.2536

Rectangle

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



24.4532, 19.6679, 36.2257



26.1849, 19.6679, 18.0005



13.9181, 19.6679, 11.3171



12.7878, 19.6679, 25.2361

Sweetspot

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



24.4538, 19.6687, 36.2261



54.7846, 53.6676, 67.8580



18.9521, 18.6097, 36.3117



11.8594, 11.5037, 14.8390



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.



24.4538, 19.6687, 36.2261



41.0614, 30.8103, 64.1693



25.0517, 20.1314, 29.2733



7.2351, 7.1356, 8.8990



12.6681, 5.9371, 27.4081



0.2976, 0.1410, 0.5774

Inverse Universe

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



23.1672, 19.3777, 19.3497



38.5187, 30.2754, 28.9930



22.3966, 30.0511, 23.4255



7.1249, 7.1064, 7.6440



11.9357, 6.1303, 1.5861



0.2648, 0.1344, 0.1069

Previews

White Background



This preview shows how the XYZ color 24.4532, 19.6679, 36.2257 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 24.4532, 19.6679, 36.2257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

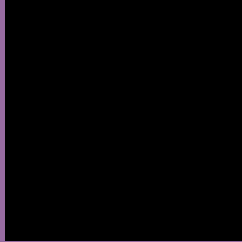
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4532, 19.6679, 36.2257

Background



This preview shows how black text looks on a background with the XYZ color 24.4532, 19.6679, 36.2257.



This preview shows how white text looks on a background with the XYZ color 24.4532, 19.6679,

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

24.4532, 19.6679, 36.2257

Protanopia

20.3472, 19.7791, 41.7751

Deuteranopia

20.2114, 19.8564, 35.1152



Tritanopia

21.5599, 19.8025, 21.4248

Trichromacy



Original Color

24.4532, 19.6679, 36.2257

Protanomaly

21.4817, 19.5289, 39.6830

Deuteranomaly

21.5567, 19.6611, 35.4597

Tritanomaly

22.5223, 19.6904, 26.2805

Monochromacy



Original Color

24.4532, 19.6679, 36.2257

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.2487, 20.2086, 27.2068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4532, 19.6679, 36.2257 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, 107, 161)` looks like.

```
.text, #text, p{  
    color:rgb(151, 107, 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, 107, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 107, 161) }
```

Border

The CSS property to change the border of an element to XYZ 24.4532, 19.6679, 36.2257 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, 107, 161) }
```


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

```
.border{ border-color:rgb(151, 107, 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, 107, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 107, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 107, 161);  
box-shadow:4px 4px 4px 4px rgb(151, 107,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4532, 19.6679, 36.2257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 107, 161) }
```

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

```
.background{ background-color: rgb(151,  
107, 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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