

Converting Colors

XYZ(24.0657, 18.0307, 31.7554)

Have a look what the booklet for
XYZ(24.0657, 18.0307, 31.7554)
contains.

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Color

**XYZ(24.1484, 18.0037,
31.9081)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6098
RGB	159, 96, 152
RGB Percent	62%, 38%, 60%
CMY	0.3765, 0.6235, 0.4039
CMYK	0.00, 0.40, 0.04, 0.38
HSL	307°, 25%, 50%
HSV	307°, 40%, 62%
XYZ	24.1484, 18.0037, 31.9081
YIQ	121.2210, 19.5720, 30.7720

Conversions

Conversions Part 2

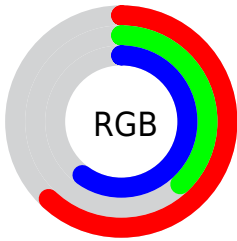
Format	Color
R_{YB}	159, 96, 152
Decimal	10444952
CIE _{Lab}	49.50, 34.35, -19.91
CIE _{LCh}	50, 39.704, 329.899
Yxy	18.0037, 0.3261, 0.2431
Android (android.graphics.Color)	4288635032 (0xFF9F6098)
YUV	121.2210, 15.1740, 33.1322
Hunter-Lab	42.4308, 27.3349, -14.8848

Details

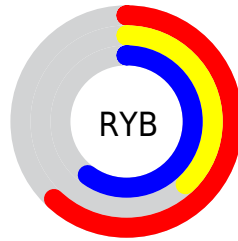
The XYZ color **24.1484, 18.0037, 31.9081** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.6709, 28.2628, 17.2515**, and the grayscale version is **18.1940, 19.1415, 20.8451**.

A 20% lighter version of the original color is **49.7548, 40.0831, 63.5070**, and **9.3093, 6.0368, 12.9865** is the 20% darker color. If you saturate the color by 10%, you get **22.6983, 15.3331, 30.7163**, and if you desaturate by 10%, it is **25.8952, 21.2636, 33.2098**.

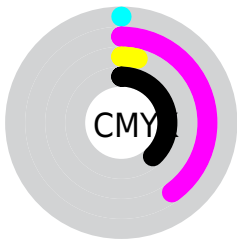
Distribution



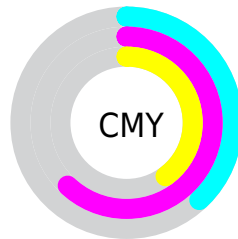
- Red (62%)
- Green (38%)
- Blue (60%)



- Red (62%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1484, 18.0037, 31.9081 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 24.1484, 18.0037, 31.9081 by changing the saturation by 10% instead.


 24.1484, 18.0037,
31.9081


 24.1484, 18.0037,
31.9081


265.9965,
240.8919, 325.1802


 15.5691, 10.9526,
21.0271


 49.7252, 40.0436,
63.7632


 9.3086, 6.0350,
12.9524


 67.4533, 55.8013,
85.5744

 5.0018, 2.8664,
7.2654


 88.9618, 75.2299,
111.8661

 2.2831, 1.0624,
3.5477

 114.6160, 98.7140,
143.0567

 0.7860, 0.0000,
1.3806

144.7811,
126.6378, 179.5649

 0.0000, 0.0000,
0.1265

179.8227,

 0.0000, 0.0000,

159.3858, 221.8092

0.0000

220.1060,
197.3424, 270.2081

■ 24.1484, 18.0037,
31.9081

■ 24.1484, 18.0037,
31.9081

■ 22.6983, 15.3331,
30.7163

■ 25.8952, 21.2636,
33.2098

■ 21.5255, 13.2138,
29.6273

■ 27.9532, 25.1429,
34.6258

■ 20.6106, 11.6070,
28.6348

■ 30.3382, 29.6727,
36.1615

■ 19.9314, 10.4682,
27.7313

■ 33.0644, 34.8812,
37.8217

■ 19.4616, 9.7449,
26.9082

■ 36.1449, 40.7950,
39.6108

■ 19.1423, 9.3191,
26.1456

■ 39.5925, 47.4393,
41.5332

■ 19.1307, 9.3040,
26.1170

■ 43.4190, 54.8380,
43.5927

■ 47.6358, 63.0138,
45.7933

■ 52.2540, 71.9888,
48.1387

Harmonies

Analogous

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



20.9688, 18.0037, 43.5445



24.1484, 18.0037, 31.9081



25.3941, 18.0037, 19.6394

Triad

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



24.1484, 18.0037, 31.9081



17.1247, 18.0037, 5.3445



11.5855, 18.0037, 31.8208

Complementary

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



24.1484, 18.0037, 31.9081



19.6709, 28.2628, 17.2515

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.



10.8603, 18.0037, 19.5665



24.1484, 18.0037, 31.9081



13.7597, 18.0037, 6.5870

Square

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



24.1484, 18.0037, 31.9081



20.9940, 18.0037, 6.6047



11.5953, 18.0037, 10.9545



13.7407, 18.0037, 43.4825

Rectangle

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



24.1484, 18.0037, 31.9081



24.8374, 18.0037, 13.3743



11.5953, 18.0037, 10.9545



11.1818, 18.0037, 27.5158

Sweetspot

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



24.1490, 18.0045, 31.9085



53.1608, 50.9098, 64.0232



15.9553, 13.7123, 34.6069



11.8662, 11.2515, 14.3582



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.



24.1490, 18.0045, 31.9085



40.8175, 27.7652, 55.1546



21.9451, 17.1229, 20.3028



6.8724, 6.7419, 8.1791



15.1195, 7.3524, 20.6780



0.2785, 0.1347, 0.4127

Inverse Universe

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



24.1490, 18.0045, 31.9085



40.8175, 27.7652, 55.1546



21.5118, 28.9992, 26.9455



6.8724, 6.7419, 8.1791



15.1195, 7.3524, 20.6780



0.2785, 0.1347, 0.4127

Previews

White Background



This preview shows how the XYZ color 24.1484, 18.0037, 31.9081 looks on a white background.

Color Contrast Check

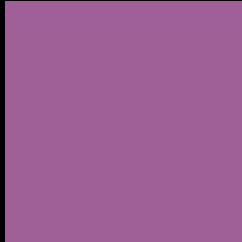
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1484, 18.0037, 31.9081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

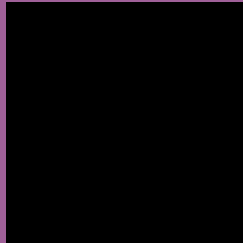
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1484, 18.0037, 31.9081

Background



This preview shows how black text looks on a background with the XYZ color 24.1484, 18.0037, 31.9081.



This preview shows how white text looks on a background with the XYZ color 24.1484, 18.0037,

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

24.1484, 18.0037, 31.9081

Protanopia

18.6999, 18.1056, 39.0684

Deuteranopia

18.5301, 18.2063, 30.5545



Tritanopia

21.2014, 17.9405, 17.6747

Trichromacy



Original Color

24.1484, 18.0037, 31.9081

Protanomaly

20.1586, 17.7569, 36.5474

Deuteranomaly

20.0994, 17.8530, 30.8204

Tritanomaly

22.1947, 17.9076, 22.3654

Monochromacy



Original Color

24.1484, 18.0037, 31.9081

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.9507, 18.4052, 24.3308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1484, 18.0037, 31.9081 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(159, 96, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 96, 152)  
}
```

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(159, 96, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 96, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.1484, 18.0037, 31.9081 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(159, 96, 152) }
```


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

```
.border{ border-color:rgb(159, 96, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 96, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 96, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 96, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 96,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1484, 18.0037, 31.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 96, 152) }
```

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

```
.background{ background-color: rgb(159, 96,  
152) }
```

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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