

Converting Colors

XYZ(24.0736, 18.1387, 24.0621)

Have a look what the booklet for
XYZ(24.0736, 18.1387, 24.0621)
contains.

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Color

**XYZ(24.0736, 18.1387,
24.0621)**

Conversions

Conversions Part 1

Format	Color
Hex	A66084
RGB	166, 96, 132
RGB Percent	65%, 38%, 52%
CMY	0.3490, 0.6235, 0.4824
CMYK	0.00, 0.42, 0.20, 0.35
HSL	329°, 28%, 51%
HSV	329°, 42%, 65%
XYZ	24.0736, 18.1387, 24.0621
YIQ	121.0340, 30.1640, 26.0360

Conversions

Conversions Part 2

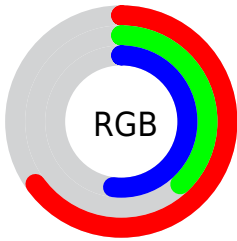
Format	Color
R_{YB}	166, 96, 132
Decimal	10903684
CIE _{Lab}	49.66, 33.32, -7.70
CIE _{LCh}	50, 34.197, 346.981
Yxy	18.1387, 0.3632, 0.2737
Android (android.graphics.Color)	4289093764 (0xFFA66084)
YUV	121.0340, 5.4062, 39.4352
Hunter-Lab	42.5896, 26.3648, -3.6848

Details

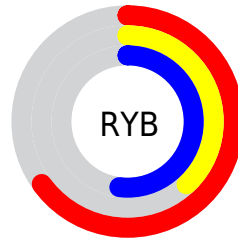
The XYZ color **24.0736, 18.1387, 24.0621** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4902, 31.3714, 25.9905**, and the grayscale version is **18.1617, 19.1075, 20.8081**.

A 20% lighter version of the original color is **49.4711, 40.2122, 51.0533**, and **9.2599, 6.1023, 8.8734** is the 20% darker color. If you saturate the color by 10%, you get **22.1853, 15.2112, 20.8148**, and if you desaturate by 10%, it is **26.3254, 21.7246, 27.6414**.

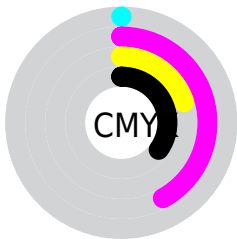
Distribution



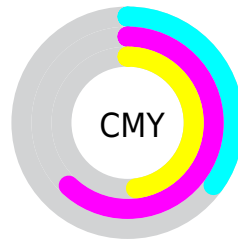
- Red (65%)
- Green (38%)
- Blue (52%)



- Red (65%)
- Yellow (38%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (35%)





- Cyan (35%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0736, 18.1387, 24.0621 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 24.0736, 18.1387, 24.0621 by changing the saturation by 10% instead.


 24.0736, 18.1387,
24.0621


 24.0736, 18.1387,
24.0621


265.6259,
241.6517, 286.4310


 15.5133, 11.0496,
15.1671


 49.6041, 40.2735,
51.0766


 9.2690, 6.1002,
8.7888


 67.3049, 56.0881,
70.0332

 4.9756, 2.9061,
4.5088

 88.7833, 75.5798,
93.1807

 2.2676, 1.0829,
1.9084

 114.4046, 99.1333,
120.9376

 0.7780, 0.0000,
0.4981

144.5342,
127.1328, 153.7226

 0.0000, 0.0000,
0.0000

179.5373,

159.9628, 191.9541

219.7795,
198.0076, 236.0507

■ 24.0736, 18.1387,
24.0621

■ 24.0736, 18.1387,
24.0621

■ 22.1853, 15.2112,
20.8148

■ 26.3254, 21.7246,
27.6414

■ 20.6377, 12.8984,
17.8865

■ 28.9586, 26.0037,
31.5627

■ 19.4077, 11.1557,
15.2650

■ 31.9916, 31.0114,
35.8368

■ 18.4683, 9.9309,
12.9361

■ 35.4415, 36.7800,
40.4735

■ 17.7879, 9.1622,
10.8839

■ 39.3239, 43.3399,
45.4824

■ 17.3803, 8.7688,
9.4476

■ 43.6539, 50.7196,
50.8725

■ 48.4457, 58.9464,
56.6525

■ 53.7129, 68.0463,
62.8309

■ 59.4686, 78.0441,
69.4156

Harmonies

Analogous

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



22.2247, 18.1387, 34.6489



24.0736, 18.1387, 24.0621



23.9341, 18.1387, 14.9705

Triad

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



24.0736, 18.1387, 24.0621



15.4788, 18.1387, 7.1020



13.3187, 18.1387, 35.9375

Complementary

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



24.0736, 18.1387, 24.0621



22.4902, 31.3714, 25.9905

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.



11.9277, 18.1387, 25.4516



24.0736, 18.1387, 24.0621



13.0631, 18.1387, 9.8834

Square

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



24.0736, 18.1387, 24.0621



18.6867, 18.1387, 6.9412



11.8404, 18.1387, 15.9865



15.8705, 18.1387, 42.8219

Rectangle

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



24.0736, 18.1387, 24.0621



22.7296, 18.1387, 10.8217



11.8404, 18.1387, 15.9865



12.7146, 18.1387, 32.5907

Sweetspot

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



24.0741, 18.1396, 24.0625



57.4338, 55.2398, 64.1746



20.2470, 15.8526, 38.0692



12.5785, 11.9074, 13.9803



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.0741, 18.1396, 24.0625



40.3323, 27.7106, 37.8992



22.0749, 17.3399, 13.5346



7.6861, 7.6043, 8.6642



13.5012, 6.8092, 7.4510



0.3542, 0.1760, 0.3167

Inverse Universe

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



24.0741, 18.1396, 24.0625



40.3323, 27.7106, 37.8992



25.2370, 32.4701, 40.4552



7.6861, 7.6043, 8.6642



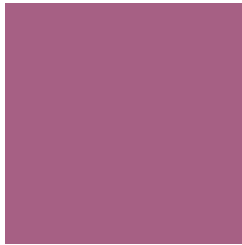
13.5012, 6.8092, 7.4510



0.3542, 0.1760, 0.3167

Previews

White Background



This preview shows how the XYZ color 24.0736, 18.1387, 24.0621 looks on a white background.

Color Contrast Check

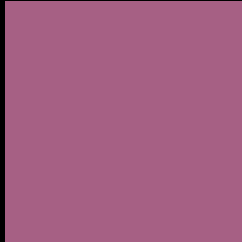
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0736, 18.1387, 24.0621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

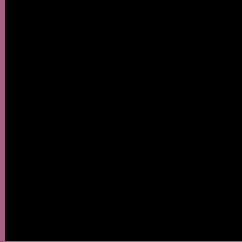
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0736, 18.1387, 24.0621

Background



This preview shows how black text looks on a background with the XYZ color 24.0736, 18.1387, 24.0621.



This preview shows how white text looks on a background with the XYZ color 24.0736, 18.1387,

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

24.0736, 18.1387, 24.0621

Protanopia

18.2317, 18.2426, 29.7544

Deuteranopia

18.5506, 18.2064, 23.3053



Tritanopia

22.4647, 18.1766, 16.5118

Trichromacy



Original Color

24.0736, 18.1387, 24.0621

Protanomaly

19.7921, 17.7659, 27.5853

Deuteranomaly

20.2070, 17.9123, 23.5115

Tritanomaly

22.9826, 18.1005, 19.1121

Monochromacy



Original Color

24.0736, 18.1387, 24.0621

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.8124, 18.3874, 21.9069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0736, 18.1387, 24.0621 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(166, 96, 132)` looks like.

```
.text, #text, p{  
    color:rgb(166, 96, 132)  
}
```

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(166, 96, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 96, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.0736, 18.1387, 24.0621 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(166, 96, 132) }
```


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

```
.border{ border-color:rgb(166, 96, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 96, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 96, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 96, 132); box-shadow:4px 4px 4px 4px rgb(166, 96, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0736, 18.1387, 24.0621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 96, 132) }
```

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

```
.background{ background-color: rgb(166, 96,  
132) }
```

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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