

Converting Colors

XYZ(24.1558, 15.8245, 18.9028)

Have a look what the booklet for
XYZ(24.1558, 15.8245, 18.9028)
contains.

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Color

**XYZ(24.1462, 15.8051,
18.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	B24B76
RGB	178, 75, 118
RGB Percent	70%, 29%, 46%
CMY	0.3020, 0.7059, 0.5373
CMYK	0.00, 0.58, 0.34, 0.30
HSL	335°, 41%, 50%
HSV	335°, 58%, 70%
XYZ	24.1462, 15.8051, 18.9176
YIQ	110.6990, 47.5850, 35.2090

Conversions

Conversions Part 2

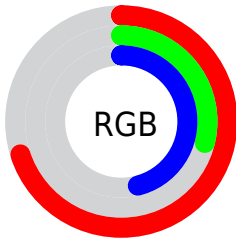
Format	Color
R_{YB}	178, 75, 118
Decimal	11684726
CIE _{Lab}	46.72, 46.33, -3.47
CIE _{LCh}	47, 46.464, 355.722
Yxy	15.8051, 0.4102, 0.2685
Android (android.graphics.Color)	4289874806 (0xFFB24B76)
YUV	110.6990, 3.5994, 59.0230
Hunter-Lab	39.7556, 38.8424, -0.3840

Details

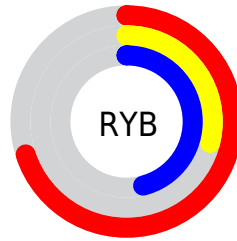
The XYZ color **24.1462, 15.8051, 18.9176** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.1961, 35.0864, 28.4733**, and the grayscale version is **15.0031, 15.7844, 17.1892**.

A 20% lighter version of the original color is **49.5669, 36.1735, 42.3999**, and **9.3478, 5.0124, 6.2692** is the 20% darker color. If you saturate the color by 10%, you get **22.5206, 13.4865, 15.5008**, and if you desaturate by 10%, it is **26.1781, 18.8279, 22.8044**.

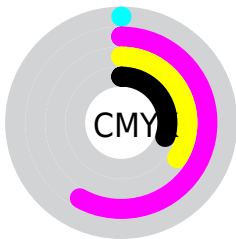
Distribution



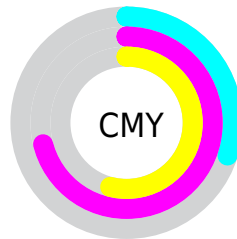
- Red (70%)
- Green (29%)
- Blue (46%)



- Red (70%)
- Yellow (29%)
- Blue (46%)



- Cyan (0%)
- Magenta (58%)
- Yellow (34%)
- Black (30%)



- Cyan (30%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1462, 15.8051, 18.9176 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 24.1462, 15.8051, 18.9176 by changing the saturation by 10% instead.

■ 24.1462, 15.8051,
18.9176

■ 24.1462, 15.8051,
18.9176

265.9856,
228.1889, 258.4010

■ 15.5674, 9.3863,
11.4345

■ 49.7216, 36.2595,
42.4297

■ 9.3075, 4.9940,
6.2421

■ 67.4490, 51.0640,
59.2957

■ 5.0010, 2.2438,
2.9217

■ 88.9566, 69.4324,
80.1266

■ 2.2826, 0.7437,
1.0548

■ 114.6097, 91.7493,
105.3407

■ 0.7857, 0.0000,
0.0000

■ 144.7739,
118.3990, 135.3567

■ 0.0000, 0.0000,
0.0000

179.8143,

149.7659, 170.5930

220.0964,
186.2344, 211.4683

■ 24.1462, 15.8051,
18.9176

■ 24.1462, 15.8051,
18.9176

■ 22.5206, 13.4865,
15.5008

■ 26.1781, 18.8279,
22.8044

■ 21.2690, 11.8108,
12.5321

■ 28.6428, 22.6044,
27.1798

■ 20.3555, 10.7102,
9.9882

■ 31.5658, 27.1827,
32.0624

■ 19.7242, 10.0767,
7.8386

■ 34.9703, 32.6060,
37.4693

■ 19.6065, 9.9636,
7.4225

■ 38.8779, 38.9144,
43.4168

■ 43.3087, 46.1455,
49.9204

■ 48.2817, 54.3345,
56.9948

■ 53.8151, 63.5150,
64.6544

■ 59.9261, 73.7190,
72.9128

Harmonies

Analogous

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



22.3749, 15.8051, 32.9709



24.1462, 15.8051, 18.9176



23.1370, 15.8051, 9.2651

Triad

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



24.1462, 15.8051, 18.9176



11.9051, 15.8051, 3.9618



11.0684, 15.8051, 42.8186

Complementary

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



24.1462, 15.8051, 18.9176



23.1961, 35.0864, 28.4733

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.



9.0687, 15.8051, 28.7439



24.1462, 15.8051, 18.9176



9.4877, 15.8051, 7.4947

Square

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



24.1462, 15.8051, 18.9176



15.6076, 15.8051, 3.2123



8.5462, 15.8051, 15.6066



14.4518, 15.8051, 50.1641

Rectangle

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



24.1462, 15.8051, 18.9176



21.1049, 15.8051, 5.7115



8.5462, 15.8051, 15.6066



10.2374, 15.8051, 38.4789

Sweetspot

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



24.1466, 15.8059, 18.9179



63.7941, 59.7350, 68.5343



20.2836, 13.2639, 43.6107



13.8451, 12.7717, 14.7348



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.1466, 15.8059, 18.9179



40.2519, 23.6481, 26.7831



22.6380, 15.9883, 8.5505



8.6386, 8.5622, 9.5953



14.0586, 7.1410, 5.4685



0.4717, 0.2364, 0.3267

Inverse Universe

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



24.1466, 15.8059, 18.9179



40.2519, 23.6481, 26.7831



25.5262, 33.8869, 47.3151



8.6386, 8.5622, 9.5953



14.0586, 7.1410, 5.4685



0.4717, 0.2364, 0.3267

Previews

White Background



This preview shows how the XYZ color 24.1462, 15.8051, 18.9176 looks on a white background.

Color Contrast Check

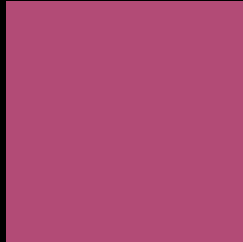
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1462, 15.8051, 18.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

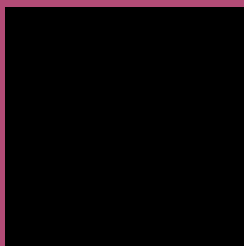
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.1462, 15.8051, 18.9176

Background



This preview shows how black text looks on a background with the XYZ color 24.1462, 15.8051, 18.9176.



This preview shows how white text looks on a background with the XYZ color 24.1462, 15.8051,

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

24.1462, 15.8051, 18.9176

Protanopia

16.0926, 16.0180, 27.4429

Deuteranopia

16.2284, 15.9823, 17.8524



Tritanopia

22.3419, 15.6869, 10.8672

Trichromacy



Original Color

24.1462, 15.8051, 18.9176

Protanomaly

17.8684, 15.0681, 24.1570

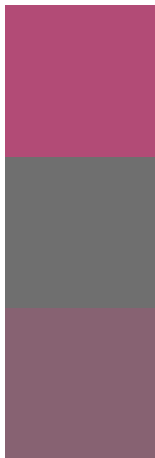
Deuteranomaly

18.4327, 15.3543, 18.2118

Tritanomaly

22.9051, 15.7039, 13.3792

Monochromacy



Original Color

24.1462, 15.8051, 18.9176

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.3966, 15.1012, 17.9175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1462, 15.8051, 18.9176 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(178, 75, 118)` looks like.

```
.text, #text, p{  
    color:rgb(178, 75, 118)  
}
```

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(178, 75, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 75, 118) }
```

Border

The CSS property to change the border of an element to XYZ 24.1462, 15.8051, 18.9176 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(178, 75, 118) }
```


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

```
.border{ border-color:rgb(178, 75, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 75, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 75, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 75, 118);  
box-shadow:4px 4px 4px 4px rgb(178, 75,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1462, 15.8051, 18.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 75, 118) }
```

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

```
.background{ background-color: rgb(178, 75,  
118) }
```

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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