

Converting Colors

XYZ(24.9450, 16.3163, 18.4450)

Have a look what the booklet for
XYZ(24.9450, 16.3163, 18.4450)
contains.

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Color

**XYZ(25.0282, 16.3749,
18.3645)**

Conversions

Conversions Part 1

Format	Color
Hex	B64C74
RGB	182, 76, 116
RGB Percent	71%, 30%, 45%
CMY	0.2863, 0.7019, 0.5451
CMYK	0.00, 0.58, 0.36, 0.29
HSL	337°, 42%, 51%
HSV	337°, 58%, 71%
XYZ	25.0282, 16.3749, 18.3645
YIQ	112.2540, 50.3360, 34.9120

Conversions

Conversions Part 2

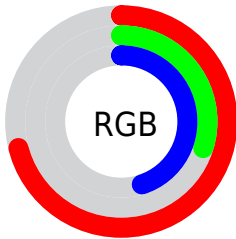
Format	Color
R_{YB}	182, 76, 116
Decimal	11947124
CIE _{Lab}	47.46, 46.93, -1.08
CIE _{LCh}	47, 46.947, 358.677
Yxy	16.3749, 0.4188, 0.2740
Android (android.graphics.Color)	4290137204 (0xFFB64C74)
YUV	112.2540, 1.8468, 61.1672
Hunter-Lab	40.4659, 39.5871, 1.4188

Details

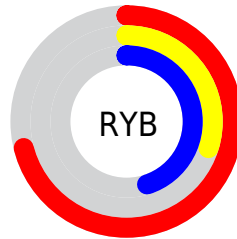
The XYZ color **25.0282, 16.3749, 18.3645** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.5918, 36.9458, 31.4285**, and the grayscale version is **15.4607, 16.2658, 17.7135**.

A 20% lighter version of the original color is **51.1938, 37.2284, 41.5334**, and **9.7337, 5.2431, 5.9678** is the 20% darker color. If you saturate the color by 10%, you get **23.3274, 13.9648, 14.7412**, and if you desaturate by 10%, it is **27.1650, 19.5282, 22.5302**.

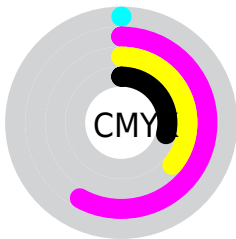
Distribution



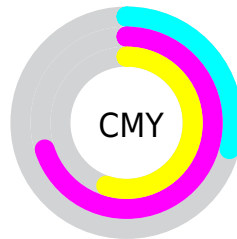
- Red (71%)
- Green (30%)
- Blue (45%)



- Red (71%)
- Yellow (30%)
- Blue (45%)



- Cyan (0%)
- Magenta (58%)
- Yellow (36%)
- Black (29%)





- Cyan (29%)
- Magenta (70%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0282, 16.3749, 18.3645 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 25.0282, 16.3749, 18.3645 by changing the saturation by 10% instead.


 25.0282, 16.3749,
18.3645


 25.0282, 16.3749,
18.3645


270.3234,
231.5439, 255.2223


 16.2269, 9.7898,
11.0399


 51.1455, 37.2478,
41.4797

 9.7767, 5.2598,
5.9791


 69.1923, 52.3045,
58.1074


 5.3123, 2.4005,
2.7638

 91.0516, 70.9538,
78.6732

 2.4683, 0.8262,
0.9753

 117.0887, 93.5801,
103.5956

 0.8793, 0.0000,
0.0000

 147.6691,
120.5679, 133.2932

 0.0000, 0.0000,
0.0000

183.1582,

152.3015, 168.1845

223.9211,
189.1654, 208.6880

■ 25.0282, 16.3749,
18.3645

■ 25.0282, 16.3749,
18.3645

■ 23.3274, 13.9648,
14.7412

■ 27.1650, 19.5282,
22.5302

■ 22.0276, 12.2325,
11.6340

■ 29.7663, 23.4775,
27.2610

■ 21.0902, 11.1057,
9.0152

■ 32.8598, 28.2740,
32.5790

■ 20.4529, 10.4654,
6.8479

■ 36.4704, 33.9635,
38.5049

■ 20.3555, 10.3707,
6.5061

■ 40.6215, 40.5888,
45.0582

■ 45.3348, 48.1898,
52.2575

■ 50.6309, 56.8040,
60.1207

■ 56.5293, 66.4670,
68.6648

■ 63.0485, 77.2127,
77.9062

Harmonies

Analogous

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



23.4619, 16.3749, 32.6189



25.0282, 16.3749, 18.3645



23.7059, 16.3749, 8.9284

Triad

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



25.0282, 16.3749, 18.3645



12.0264, 16.3749, 4.3231



11.7587, 16.3749, 45.4977

Complementary

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



25.0282, 16.3749, 18.3645



24.5918, 36.9458, 31.4285

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.



9.5389, 16.3749, 31.2656



25.0282, 16.3749, 18.3645



9.6730, 16.3749, 8.3622

Square

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



25.0282, 16.3749, 18.3645



15.7496, 16.3749, 3.3203



8.8486, 16.3749, 17.3050



15.3796, 16.3749, 52.0215

Rectangle

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



25.0282, 16.3749, 18.3645



21.4773, 16.3749, 5.5514



8.8486, 16.3749, 17.3050



10.8496, 16.3749, 41.2148

Sweetspot

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



25.0287, 16.3758, 18.3648



66.7934, 62.6436, 70.8892



22.0757, 14.2422, 45.8414



14.4428, 13.3446, 15.1588



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.0287, 16.3758, 18.3648



41.5256, 24.2705, 24.9711



24.1164, 17.5076, 8.9468



9.1410, 9.0668, 10.0901



14.4049, 7.3357, 4.7528



0.5383, 0.2708, 0.3280

Inverse Universe

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



25.0287, 16.3758, 18.3648



41.5256, 24.2705, 24.9711



25.7307, 33.5265, 49.3711



9.1410, 9.0668, 10.0901



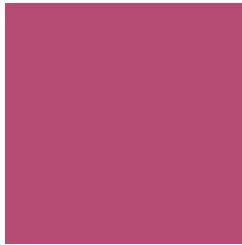
14.4049, 7.3357, 4.7528



0.5383, 0.2708, 0.3280

Previews

White Background



This preview shows how the XYZ color 25.0282, 16.3749, 18.3645 looks on a white background.

Color Contrast Check

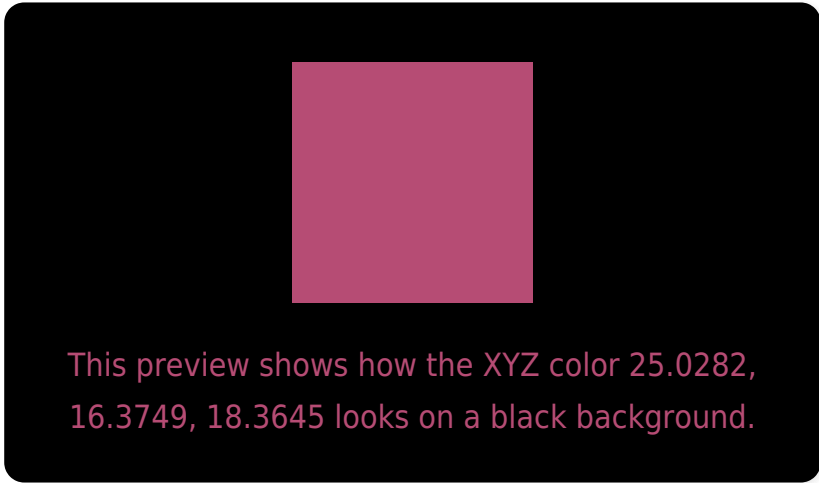
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

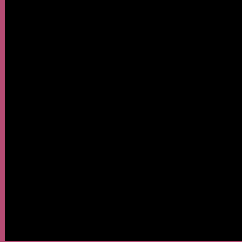
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0282, 16.3749, 18.3645

Background



This preview shows how black text looks on a background with the XYZ color 25.0282, 16.3749, 18.3645.



This preview shows how white text looks on a background with the XYZ color 25.0282, 16.3749,

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

25.0282, 16.3749, 18.3645

Protanopia

16.4450, 16.5491, 26.3723

Deuteranopia

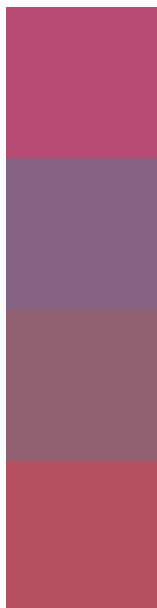
16.7953, 16.4449, 17.3279



Tritanopia

23.5600, 16.4260, 10.9456

Trichromacy



Original Color

25.0282, 16.3749, 18.3645

Protanomaly

18.3226, 15.6037, 23.1652

Deuteranomaly

19.1094, 15.8526, 17.6755

Tritanomaly

24.1293, 16.4429, 13.4573

Monochromacy



Original Color

25.0282, 16.3749, 18.3645

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.7590, 15.4343, 17.6659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0282, 16.3749, 18.3645 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(182, 76, 116)` looks like.

```
.text, #text, p{  
    color:rgb(182, 76, 116)  
}
```

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(182, 76, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 76, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.0282, 16.3749, 18.3645 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(182, 76, 116) }
```


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

```
.border{ border-color:rgb(182, 76, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 76, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 76, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 76, 116);  
box-shadow:4px 4px 4px 4px rgb(182, 76,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0282, 16.3749, 18.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 76, 116) }
```

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

```
.background{ background-color: rgb(182, 76,  
116) }
```

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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