

Converting Colors

XYZ(24.8443, 15.6723, 18.3720)

Have a look what the booklet for
XYZ(24.8443, 15.6723, 18.3720)
contains.

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Color

**XYZ(24.8710, 15.7086,
18.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	B74674
RGB	183, 70, 116
RGB Percent	72%, 27%, 45%
CMY	0.2824, 0.7255, 0.5451
CMYK	0.00, 0.62, 0.37, 0.28
HSL	336°, 45%, 50%
HSV	336°, 62%, 72%
XYZ	24.8710, 15.7086, 18.2442
YIQ	109.0310, 52.5820, 38.2620

Conversions

Conversions Part 2

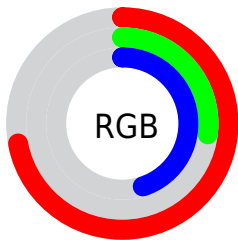
Format	Color
R_{YB}	183, 70, 116
Decimal	12011124
CIE _{Lab}	46.59, 50.02, -2.35
CIE _{LCh}	47, 50.078, 357.314
Yxy	15.7086, 0.4228, 0.2670
Android (android.graphics.Color)	4290201204 (0xFFB74674)
YUV	109.0310, 3.4357, 64.8708
Hunter-Lab	39.6341, 42.6519, 0.4517

Details

The XYZ color **24.8710, 15.7086, 18.2442** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.9756, 36.9756, 29.5427**, and the grayscale version is **14.5255, 15.2819, 16.6420**.

A 20% lighter version of the original color is **50.8935, 36.1197, 41.3352**, and **9.7018, 4.9615, 5.9152** is the 20% darker color. If you saturate the color by 10%, you get **23.3009, 13.5202, 14.7865**, and if you desaturate by 10%, it is **26.8645, 18.6257, 22.2072**.

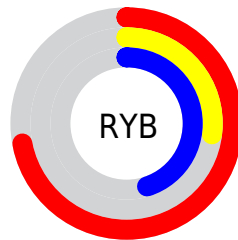
Distribution



Red (72%)

Green (27%)

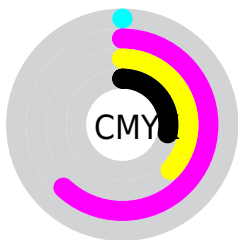
Blue (45%)



Red (72%)

Yellow (27%)

Blue (45%)

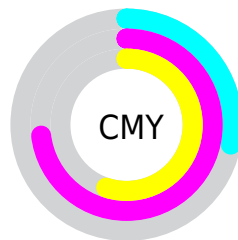


Cyan (0%)

Magenta (62%)

Yellow (37%)

Black (28%)



Cyan (28%)


Magenta (73%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8710, 15.7086, 18.2442 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 24.8710, 15.7086, 18.2442 by changing the saturation by 10% instead.


 24.8710, 15.7086,
18.2442


 24.8710, 15.7086,
18.2442


269.5544,
227.6160, 254.5261


 16.1092, 9.3182,
10.9542


 50.8923, 36.0916,
41.2725

 9.6928, 4.9493,
5.9223


 68.8824, 50.8529,
57.8480


 5.2564, 2.2175,
2.7298

 90.6795, 69.1734,
78.3556

 2.4348, 0.7295,
0.9584

 116.6486, 91.4373,
103.2140

 0.8625, 0.0000,
0.0000

 147.1554,
118.0292, 132.8417

 0.0000, 0.0000,
0.0000

182.5650,

149.3333, 167.6573

223.2429,
185.7341, 208.0792

■ 24.8710, 15.7086,
18.2442

■ 24.8710, 15.7086,
18.2442

■ 23.3009, 13.5202,
14.7865

■ 26.8645, 18.6257,
22.2072

■ 22.1175, 11.9912,
11.8088

■ 29.3112, 22.3273,
26.6967

■ 21.2794, 11.0434,
9.2845

■ 32.2395, 26.8666,
31.7338

■ 20.7810, 10.5683,
7.5100

■ 35.6752, 32.2917,
37.3379

■ 39.6420, 38.6465,
43.5273

■ 44.1622, 45.9725,
50.3194

■ 49.2567, 54.3082,
57.7310

■ 54.9454, 63.6905,
65.7780

■ 61.2471, 74.1539,
74.4758

Harmonies

Analogous

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



23.0786, 15.7086, 33.4549



24.8710, 15.7086, 18.2442



23.6033, 15.7086, 8.3390

Triad

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



24.8710, 15.7086, 18.2442



11.4311, 15.7086, 3.4715



10.8756, 15.7086, 45.9918

Complementary

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



24.8710, 15.7086, 18.2442



23.9756, 36.9756, 29.5427

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.



8.6946, 15.7086, 30.5225



24.8710, 15.7086, 18.2442



8.9691, 15.7086, 7.1982

Square

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



24.8710, 15.7086, 18.2442



15.3235, 15.7086, 2.6405



8.0701, 15.7086, 16.0123



14.5443, 15.7086, 53.6193

Rectangle

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



24.8710, 15.7086, 18.2442



21.3067, 15.7086, 4.8923



8.0701, 15.7086, 16.0123



9.9732, 15.7086, 41.2576

Sweetspot

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



24.8714, 15.7094, 18.2445



65.5317, 60.4446, 69.4687



20.8781, 13.0276, 46.2139



14.0504, 12.6755, 14.6713



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.



24.8714, 15.7094, 18.2445



40.9193, 23.1346, 24.5324



23.4607, 16.1627, 7.6787



9.1521, 9.0712, 10.1482



14.5294, 7.3855, 5.4089



0.5431, 0.2727, 0.3535

Inverse Universe

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



24.8714, 15.7094, 18.2445



40.9193, 23.1346, 24.5324



26.1293, 34.8328, 50.1460



9.1521, 9.0712, 10.1482



14.5294, 7.3855, 5.4089



0.5431, 0.2727, 0.3535

Previews

White Background



This preview shows how the XYZ color 24.8710, 15.7086, 18.2442 looks on a white background.

Color Contrast Check

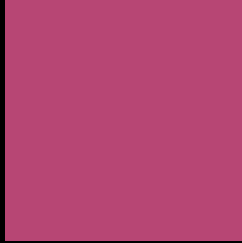
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8710, 15.7086, 18.2442 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 24.8710, 15.7086, 18.2442

Background



This preview shows how black text looks on a background with the XYZ color 24.8710, 15.7086, 18.2442.



This preview shows how white text looks on a background with the XYZ color 24.8710, 15.7086,

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

24.8710, 15.7086, 18.2442

Protanopia

15.9772, 15.9585, 27.4375

Deuteranopia

16.0982, 15.7788, 16.9490



Tritanopia

22.9993, 15.6202, 9.7855

Trichromacy



Original Color

24.8710, 15.7086, 18.2442

Protanomaly

17.7728, 14.7559, 23.7412

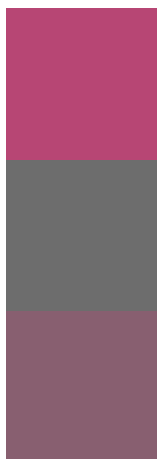
Deuteranomaly

18.4289, 15.1046, 17.2734

Tritanomaly

23.5252, 15.5295, 12.3472

Monochromacy



Original Color

24.8710, 15.7086, 18.2442

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.1702, 14.5885, 17.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8710, 15.7086, 18.2442 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(183, 70, 116)` looks like.

```
.text, #text, p{  
    color:rgb(183, 70, 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(183, 70, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 70, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.8710, 15.7086, 18.2442 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(183, 70, 116) }
```


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

```
.border{ border-color:rgb(183, 70, 116) }
```

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

Here you see how a box with a 4 pixel rgb(183, 70, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 70, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 70, 116);  
box-shadow:4px 4px 4px 4px rgb(183, 70,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8710, 15.7086, 18.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 70, 116) }
```

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

```
.background{ background-color: rgb(183, 70,  
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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