

Converting Colors

XYZ(25.4551, 18.0626, 17.0234)

Have a look what the booklet for
XYZ(25.4551, 18.0626, 17.0234)
contains.

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Color

**XYZ(25.4429, 18.0943,
16.9034)**

Conversions

Conversions Part 1

Format	Color
Hex	B5596E
RGB	181, 89, 110
RGB Percent	71%, 35%, 43%
CMY	0.2902, 0.6510, 0.5686
CMYK	0.00, 0.51, 0.39, 0.29
HSL	346°, 38%, 53%
HSV	346°, 51%, 71%
XYZ	25.4429, 18.0943, 16.9034
YIQ	118.9020, 48.0910, 26.0350

Conversions

Conversions Part 2

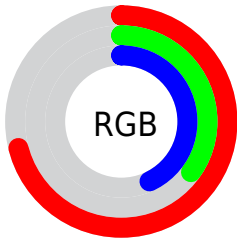
Format	Color
R_YB	181, 89, 110
Decimal	11884910
CIE _{Lab}	49.61, 39.44, 5.63
CIE _{LCh}	50, 39.837, 8.126
Yxy	18.0943, 0.4210, 0.2994
Android (android.graphics.Color)	4290074990 (0xFFB5596E)
YUV	118.9020, -4.3887, 54.4599
Hunter-Lab	42.5374, 32.3258, 6.2157

Details

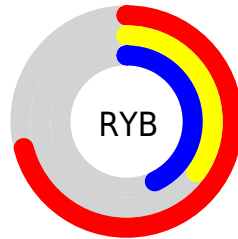
The XYZ color **25.4429, 18.0943, 16.9034** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.9898, 37.7101, 39.1162**, and the grayscale version is **17.5069, 18.4187, 20.0579**.

A 20% lighter version of the original color is **51.5545, 39.9737, 38.7167**, and **10.0478, 6.1051, 5.3514** is the 20% darker color. If you saturate the color by 10%, you get **23.4160, 15.1633, 12.7666**, and if you desaturate by 10%, it is **27.9609, 21.8156, 21.7959**.

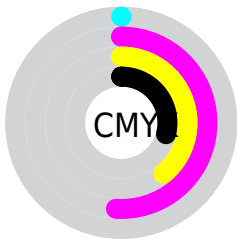
Distribution



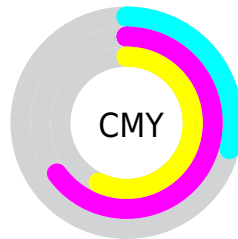
- Red (71%)
- Green (35%)
- Blue (43%)



- Red (71%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (29%)





- Cyan (29%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4429, 18.0943, 16.9034 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 25.4429, 18.0943, 16.9034 by changing the saturation by 10% instead.


 25.4429, 18.0943,
16.9034


 25.4429, 18.0943,
16.9034


272.3436,
241.4020, 246.6402


 16.5378, 11.0177,
10.0044


 51.8126, 40.1979,
38.9480


 9.9988, 6.0788,
5.2962


 70.0079, 55.9938,
54.9307

 5.4604, 2.8930,
2.3603

 92.0306, 75.4648,
74.7783

 2.5574, 1.0761,
0.7647

 118.2462, 98.9955,
98.9095

 0.9243, 0.0000,
0.0000

149.0199,
126.9701, 127.7427

 0.0000, 0.0000,
0.0000

184.7171,

159.7732, 161.6965

225.7033,
197.7890, 201.1895

■ 25.4429, 18.0943,
16.9034

■ 25.4429, 18.0943,
16.9034

■ 23.4160, 15.1633,
12.7666

■ 27.9609, 21.8156,
21.7959

■ 21.8457, 12.9624,
9.3457

■ 30.9987, 26.3763,
27.4789

■ 20.6947, 11.4270,
6.5986

■ 34.5844, 31.8245,
33.9863

■ 19.9192, 10.4800,
4.4783

■ 38.7436, 38.2041,
41.3496

■ 19.4617, 9.9860,
3.0279

■ 43.5002, 45.5560,
49.5986

■ 48.8770, 53.9186,
58.7617

■ 54.8952, 63.3282,
68.8661

■ 61.5754, 73.8194,
79.9378

■ 68.9369, 85.4252,
92.0016

Harmonies

Analogous

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



24.8628, 18.0943, 28.5182



25.4429, 18.0943, 16.9034



23.5723, 18.0943, 9.4424

Triad

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



25.4429, 18.0943, 16.9034



13.0899, 18.0943, 7.4450



14.6300, 18.0943, 46.0180

Complementary

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



25.4429, 18.0943, 16.9034



26.9898, 37.7101, 39.1162

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.



12.0910, 18.0943, 35.5490



25.4429, 18.0943, 16.9034



11.2968, 18.0943, 12.9199

Square

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



25.4429, 18.0943, 16.9034



16.1911, 18.0943, 5.4449



10.9599, 18.0943, 22.7928



18.2460, 18.0943, 48.3255

Rectangle

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



25.4429, 18.0943, 16.9034



21.3284, 18.0943, 6.7849



10.9599, 18.0943, 22.7928



13.6387, 18.0943, 43.1908

Sweetspot

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



25.4434, 18.0952, 16.9037



65.9634, 63.1565, 68.0284



26.3176, 17.9076, 45.7854



13.9256, 13.1421, 14.1158



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.



25.4434, 18.0952, 16.9037



41.5603, 26.6202, 22.0676



26.8247, 22.4756, 12.3768



8.5732, 8.5360, 9.2508



13.4390, 6.8932, 2.2059



0.4452, 0.2258, 0.1872

Inverse Universe

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



25.4434, 18.0952, 16.9037



41.5603, 26.6202, 22.0676



24.4280, 29.3947, 48.1023



8.5732, 8.5360, 9.2508



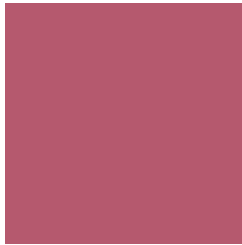
13.4390, 6.8932, 2.2059



0.4452, 0.2258, 0.1872

Previews

White Background



This preview shows how the XYZ color 25.4429, 18.0943, 16.9034 looks on a white background.

Color Contrast Check

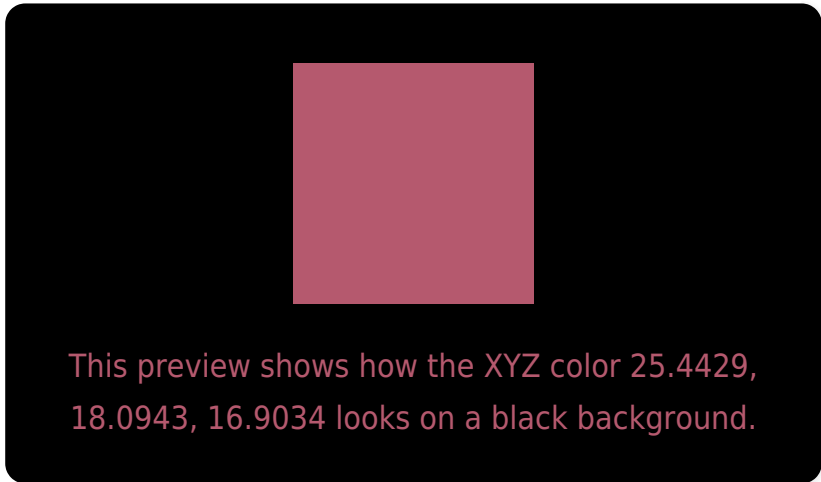
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 25.4429, 18.0943, 16.9034

Background



This preview shows how black text looks on a background with the XYZ color 25.4429, 18.0943, 16.9034.



This preview shows how white text looks on a background with the XYZ color 25.4429, 18.0943,

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

25.4429, 18.0943, 16.9034

Protanopia

17.7155, 18.3148, 22.3401

Deuteranopia

18.6105, 18.2261, 16.1728



Tritanopia

24.7681, 18.0673, 13.7372

Trichromacy



Original Color

25.4429, 18.0943, 16.9034

Protanomaly

19.6324, 17.5342, 20.1190

Deuteranomaly

20.6543, 17.8401, 16.2648

Tritanomaly

24.8768, 17.9749, 14.7287

Monochromacy



Original Color

25.4429, 18.0943, 16.9034

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.6703, 17.7369, 18.9098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4429, 18.0943, 16.9034 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(181, 89, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 89, 110)  
}
```

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(181, 89, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 89, 110) }
```

Border

The CSS property to change the border of an element to XYZ 25.4429, 18.0943, 16.9034 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(181, 89, 110) }
```


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

```
.border{ border-color:rgb(181, 89, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 89, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 89, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 89, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 89,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4429, 18.0943, 16.9034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 89, 110) }
```

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

```
.background{ background-color: rgb(181, 89,  
110) }
```

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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