

Converting Colors

XYZ(29.0687, 22.8891, 19.8455)

Have a look what the booklet for
XYZ(29.0687, 22.8891, 19.8455)
contains.

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Color

**XYZ(29.0365, 22.8753,
19.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6E75
RGB	186, 110, 117
RGB Percent	73%, 43%, 46%
CMY	0.2706, 0.5686, 0.5412
CMYK	0.00, 0.41, 0.37, 0.27
HSL	354°, 36%, 58%
HSV	354°, 41%, 73%
XYZ	29.0365, 22.8753, 19.7146
YIQ	133.5220, 43.0490, 18.2890

Conversions

Conversions Part 2

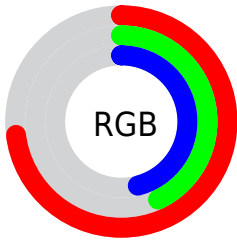
Format	Color
R_{YB}	186, 110, 117
Decimal	12217973
CIE _{Lab}	54.94, 30.96, 9.17
CIE _{LCh}	55, 32.286, 16.501
Yxy	22.8753, 0.4054, 0.3194
Android (android.graphics.Color)	4290408053 (0xFFBA6E75)
YUV	133.5220, -8.1453, 46.0232
Hunter-Lab	47.8281, 24.6683, 9.0405

Details

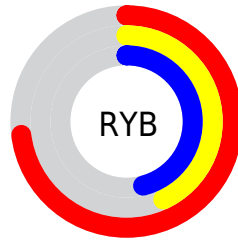
The XYZ color **29.0365, 22.8753, 19.7146** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.1271, 41.6880, 49.0034**, and the grayscale version is **22.5032, 23.6751, 25.7822**.

A 20% lighter version of the original color is **57.5669, 48.2921, 43.8233**, and **11.8960, 8.4072, 6.6260** is the 20% darker color. If you saturate the color by 10%, you get **26.3312, 18.9130, 14.3481**, and if you desaturate by 10%, it is **32.3433, 27.7539, 26.1659**.

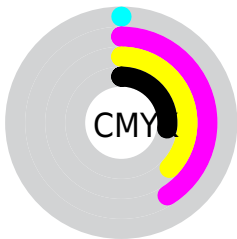
Distribution



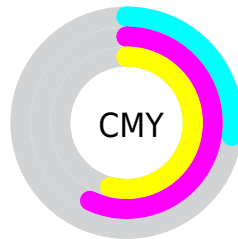
- Red (73%)
- Green (43%)
- Blue (46%)



- Red (73%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (27%)





- Cyan (27%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0365, 22.8753, 19.7146 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 29.0365, 22.8753, 19.7146 by changing the saturation by 10% instead.


 29.0365, 22.8753,
19.7146


 29.0365, 22.8753,
19.7146


289.3782,
267.0839, 262.9188


 19.2529, 14.5015,
12.0057


 57.5322, 48.1885,
43.7908


 11.9582, 8.4703,
6.6250


 76.9750, 65.8966,
60.9953

 6.7872, 4.3973,
3.1538


 100.3682, 87.4850,
82.2020

 3.3745, 1.8982,
1.1737

 128.0773,
113.3379, 107.8296

 1.3548, 0.5473,
0.0000

160.4674,
143.8399, 138.2965

 0.2237, 0.0000,
0.0000

197.9040,

 0.0000, 0.0000,

179.3753, 174.0213

0.0000

240.7525,
220.3285, 215.4226

■ 29.0365, 22.8753,
19.7146

■ 29.0365, 22.8753,
19.7146

■ 26.3312, 18.9130,
14.3481

■ 32.3433, 27.7539,
26.1659

■ 24.1895, 15.8066,
10.0053

■ 36.2831, 33.5975,
33.7557

■ 22.5718, 13.4939,
6.6215


■ 40.8871, 40.4554,
42.5356


■ 21.4326, 11.9026,
4.1236


■ 46.1842, 48.3725,
52.5540


■ 20.7186, 10.9475,
2.4280


■ 52.2013, 57.3911,
63.8562

 20.3518, 10.4800,
1.4855

 58.9640, 67.5512,
76.4855

 66.4967, 78.8907,
90.4831

 73.5967, 88.9939,
105.4796

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



29.1499, 22.8753, 29.8006



29.0365, 22.8753, 19.7146



26.8356, 22.8753, 13.1647

Triad

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



29.0365, 22.8753, 19.7146



17.1195, 22.8753, 13.6483



20.1741, 22.8753, 49.4295

Complementary

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



29.0365, 22.8753, 19.7146



32.1271, 41.6880, 49.0034

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.



17.3380, 22.8753, 42.1288



29.0365, 22.8753, 19.7146



15.7097, 22.8753, 20.5813

Square

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



29.0365, 22.8753, 19.7146



19.8442, 22.8753, 10.3786



15.7850, 22.8753, 30.9401



23.7577, 22.8753, 49.0082

Rectangle

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



29.0365, 22.8753, 19.7146



24.6055, 22.8753, 10.8447



15.7850, 22.8753, 30.9401



19.1103, 22.8753, 47.7268

Sweetspot

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



29.0371, 22.8764, 19.7150



72.9194, 71.5510, 74.8357



32.8915, 24.2105, 49.3939



15.8068, 15.3821, 16.0021



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.0371, 22.8764, 19.7150



48.1912, 34.9582, 26.9359



32.5015, 30.4392, 18.9156



9.0373, 9.0253, 9.5438



13.7048, 7.0557, 1.0665



0.4944, 0.2532, 0.0970

Inverse Universe

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



29.0371, 22.8764, 19.7150



48.1912, 34.9582, 26.9359



27.1158, 30.5041, 50.9131



9.0373, 9.0253, 9.5438



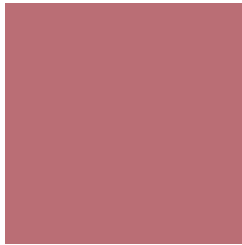
13.7048, 7.0557, 1.0665



0.4944, 0.2532, 0.0970

Previews

White Background



This preview shows how the XYZ color 29.0365, 22.8753, 19.7146 looks on a white background.

Color Contrast Check

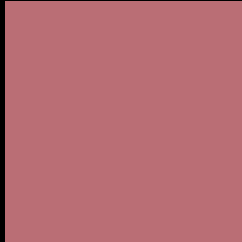
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.0365, 22.8753, 19.7146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

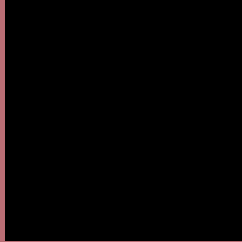
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0365, 22.8753, 19.7146

Background



This preview shows how black text looks on a background with the XYZ color 29.0365, 22.8753, 19.7146.



This preview shows how white text looks on a background with the XYZ color 29.0365, 22.8753,

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

29.0365, 22.8753, 19.7146

Protanopia

22.0043, 22.9420, 23.6906

Deuteranopia

23.3891, 22.9730, 19.1211



Tritanopia

29.0956, 22.8990, 20.0260

Trichromacy



Original Color

29.0365, 22.8753, 19.7146

Protanomaly

24.0475, 22.4912, 22.1426

Deuteranomaly

25.2417, 22.8051, 19.2911

Tritanomaly

29.0956, 22.8990, 20.0260

Monochromacy



Original Color

29.0365, 22.8753, 19.7146

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.3668, 22.9980, 23.5769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0365, 22.8753, 19.7146 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(186, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 110, 117)  
}
```

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(186, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 110, 117) }
```

Border

The CSS property to change the border of an element to XYZ 29.0365, 22.8753, 19.7146 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(186, 110, 117) }
```


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

```
.border{ border-color:rgb(186, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 110,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0365, 22.8753, 19.7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 110, 117) }
```

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

```
.background{ background-color: rgb(186,  
110, 117) }
```

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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