

Converting Colors

XYZ(30.0246, 23.2222, 24.5849)

Have a look what the booklet for
XYZ(30.0246, 23.2222, 24.5849)
contains.

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Color

**XYZ(29.9905, 23.2569,
24.7382)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6E84
RGB	186, 110, 132
RGB Percent	73%, 43%, 52%
CMY	0.2706, 0.5686, 0.4823
CMYK	0.00, 0.41, 0.29, 0.27
HSL	343°, 36%, 58%
HSV	343°, 41%, 73%
XYZ	29.9905, 23.2569, 24.7382
YIQ	135.2320, 38.2340, 22.9540

Conversions

Conversions Part 2

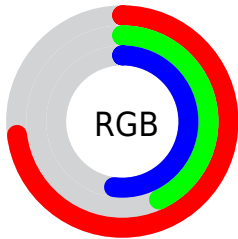
Format	Color
R_{YB}	186, 110, 132
Decimal	12217988
CIE _{Lab}	55.34, 32.91, 0.95
CIE _{LCh}	55, 32.928, 1.660
Yxy	23.2569, 0.3846, 0.2982
Android (android.graphics.Color)	4290408068 (0xFFBA6E84)
YUV	135.2320, -1.5934, 44.5235
Hunter-Lab	48.2254, 26.6114, 3.3438

Details

The XYZ color **29.9905, 23.2569, 24.7382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6912, 41.1137, 41.4421**, and the grayscale version is **23.1116, 24.3152, 26.4793**.

A 20% lighter version of the original color is **59.1624, 48.9303, 52.2252**, and **12.5373, 8.6815, 9.1985** is the 20% darker color. If you saturate the color by 10%, you get **27.3424, 19.3175, 19.6725**, and if you desaturate by 10%, it is **33.1757, 28.0868, 30.5488**.

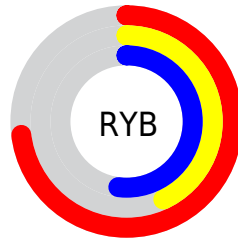
Distribution



Red (73%)

Green (43%)

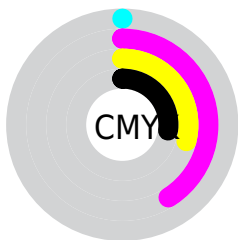
Blue (52%)



Red (73%)

Yellow (43%)

Blue (52%)

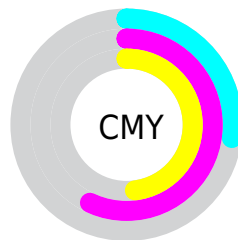


Cyan (0%)

Magenta (41%)

Yellow (29%)

Black (27%)



Cyan (27%)


Magenta (57%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9905, 23.2569, 24.7382 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 29.9905, 23.2569, 24.7382 by changing the saturation by 10% instead.


 29.9905, 23.2569,
24.7382


 29.9905, 23.2569,
24.7382


293.7708,
269.0418, 289.9375


 19.9794, 14.7833,
15.6649

 59.0339, 48.8148,
52.1910


 12.4883, 8.6675,
9.1355


 78.7969, 66.6679,
71.4076

 7.1517, 4.5249,
4.7317


 102.5413, 88.4163,
94.8424

 3.6043, 1.9713,
2.0347

 130.6323,
114.4445, 122.9138

 1.4808, 0.5907,
0.5765

163.4355,
145.1367, 156.0405

 0.3127, 0.0000,
0.0000

201.3160,

 0.0000, 0.0000,

180.8773, 194.6410

0.0000

244.6393,
222.0509, 239.1338

■ 29.9905, 23.2569,
24.7382

■ 29.9905, 23.2569,
24.7382

■ 27.3424, 19.3175,
19.6725

■ 33.1757, 28.0868,
30.5488

■ 25.1986, 16.2103,
15.3189

■ 36.9244, 33.8540,
37.1322

■ 23.5257, 13.8754,
11.6442


■ 41.2634, 40.6059,
44.5168


■ 22.2849, 12.2436,
8.6116


■ 46.2174, 48.3858,
52.7287


■ 21.4313, 11.2326,
6.1802

■ 51.8095, 57.2345,
61.7931

 20.9118, 10.7039,
4.4337

 58.0618, 67.1903,
71.7340

 64.9949, 78.2900,
82.5745

 71.4031, 88.1165,
93.9280

 73.4143, 88.9210,
104.5188

Harmonies

Analogous

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



28.9630, 23.2569, 36.2564



29.9905, 23.2569, 24.7382



28.7174, 23.2569, 16.0775

Triad

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



29.9905, 23.2569, 24.7382



18.5831, 23.2569, 11.6566



18.9023, 23.2569, 47.7727

Complementary

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



29.9905, 23.2569, 24.7382



30.6912, 41.1137, 41.4421

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.



16.5946, 23.2569, 37.5682



29.9905, 23.2569, 24.7382



16.4252, 23.2569, 16.8432

Square

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



29.9905, 23.2569, 24.7382



21.8999, 23.2569, 9.9482



15.7392, 23.2569, 25.9166



22.3113, 23.2569, 51.5782

Rectangle

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



29.9905, 23.2569, 24.7382



26.8094, 23.2569, 12.4859



15.7392, 23.2569, 25.9166



17.9859, 23.2569, 44.8592

Sweetspot

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



29.9911, 23.2580, 24.7387



73.6738, 71.8528, 78.8082



29.5850, 22.5059, 49.2393



15.9880, 15.4545, 16.9562



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.



29.9911, 23.2580, 24.7387



50.0182, 35.6890, 36.5571



30.4240, 26.2840, 18.2231



9.1087, 9.0538, 9.9196



14.0975, 7.2127, 3.1340



0.5247, 0.2654, 0.2567

Inverse Universe

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



29.9911, 23.2580, 24.7387



50.0182, 35.6890, 36.5571



29.8194, 35.9113, 51.8144



9.1087, 9.0538, 9.9196



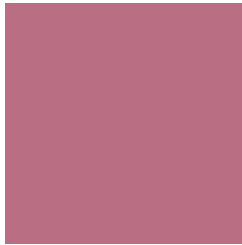
14.0975, 7.2127, 3.1340



0.5247, 0.2654, 0.2567

Previews

White Background



This preview shows how the XYZ color 29.9905, 23.2569, 24.7382 looks on a white background.

Color Contrast Check

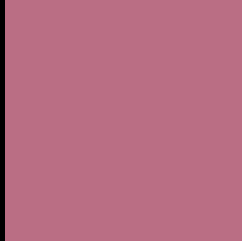
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9905, 23.2569, 24.7382 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 29.9905, 23.2569, 24.7382

Background



This preview shows how black text looks on a background with the XYZ color 29.9905, 23.2569, 24.7382.



This preview shows how white text looks on a background with the XYZ color 29.9905, 23.2569,

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

29.9905, 23.2569, 24.7382

Protanopia

22.8778, 23.4524, 30.1090

Deuteranopia

23.8453, 23.4885, 24.0458



Tritanopia

29.1919, 23.2587, 20.7201

Trichromacy



Original Color

29.9905, 23.2569, 24.7382

Protanomaly

24.8902, 22.9842, 27.9355

Deuteranomaly

25.6867, 23.1078, 24.2255

Tritanomaly

29.3301, 23.1384, 21.9891

Monochromacy



Original Color

29.9905, 23.2569, 24.7382

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.0904, 23.5130, 25.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9905, 23.2569, 24.7382 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 110, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 110, 132) }
```

Border

The CSS property to change the border of an element to XYZ 29.9905, 23.2569, 24.7382 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, 132) }
```


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

```
.border{ border-color:rgb(186, 110, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 110,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9905, 23.2569, 24.7382 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, 132) }
```

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

```
.background{ background-color: rgb(186,  
110, 132) }
```

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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