

Converting Colors

XYZ(29.9993, 23.9665, 28.3517)

Have a look what the booklet for
XYZ(29.9993, 23.9665, 28.3517)
contains.

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Color

**XYZ(29.9945, 24.0083,
28.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	B5738D
RGB	181, 115, 141
RGB Percent	71%, 45%, 55%
CMY	0.2902, 0.5490, 0.4471
CMYK	0.00, 0.36, 0.22, 0.29
HSL	336°, 31%, 58%
HSV	336°, 36%, 71%
XYZ	29.9945, 24.0083, 28.2525
YIQ	137.6980, 30.9900, 22.0780

Conversions

Conversions Part 2

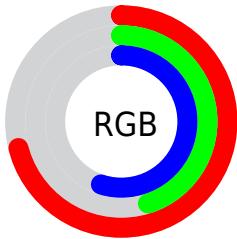
Format	Color
R_{YB}	181, 115, 141
Decimal	11891597
CIE _{Lab}	56.10, 29.65, -3.26
CIE _{LCh}	56, 29.831, 353.725
Yxy	24.0083, 0.3647, 0.2919
Android (android.graphics.Color)	4290081677 (0xFFB5738D)
YUV	137.6980, 1.6279, 37.9759
Hunter-Lab	48.9983, 23.5226, 0.1121

Details

The XYZ color **29.9945, 24.0083, 28.2525** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.5115, 39.0598, 36.9961**, and the grayscale version is **24.0288, 25.2802, 27.5301**.

A 20% lighter version of the original color is **59.1129, 50.1225, 58.1888**, and **12.5310, 9.0480, 10.9835** is the 20% darker color. If you saturate the color by 10%, you get **27.3533, 19.9681, 23.5424**, and if you desaturate by 10%, it is **33.1231, 28.8936, 33.5246**.

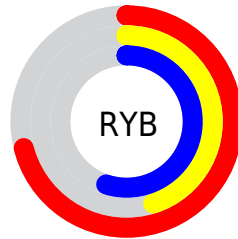
Distribution



Red (71%)

Green (45%)

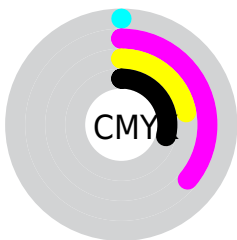
Blue (55%)



Red (71%)

Yellow (45%)

Blue (55%)

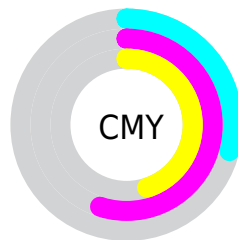


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9945, 24.0083, 28.2525 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 29.9945, 24.0083, 28.2525 by changing the saturation by 10% instead.


 29.9945, 24.0083,
28.2525


 29.9945, 24.0083,
28.2525


293.7891,
272.8624, 307.6213


 19.9825, 15.3398,
18.2754

 59.0402, 50.0437,
57.9153


 12.4905, 9.0582,
10.9764

 78.8045, 68.1795,
78.4380

 7.1532, 4.7792,
5.9370


 102.5503, 90.2397,
103.3130

 3.6053, 2.1183,
2.7386

 130.6430,
116.6088, 132.9589

 1.4813, 0.6749,
0.9628

163.4478,
147.6713, 167.7941

 0.3131, 0.0000,
0.0000

201.3302,

 0.0000, 0.0000,

183.8114, 208.2372

0.0000

244.6555,
225.4137, 254.7068

■ 29.9945, 24.0083,
28.2525

■ 29.9945, 24.0083,
28.2525

■ 27.3533, 19.9681,
23.5424

■ 33.1231, 28.8936,
33.5246

■ 25.1714, 16.7210,
19.3725

■ 36.7613, 34.6652,
39.3763

■ 23.4207, 14.2145,
15.7217


■ 40.9322, 41.3658,
45.8263


■ 22.0690, 12.3882,
12.5665


■ 45.6570, 49.0342,
52.8918


■ 21.0790, 11.1724,
9.8812


■ 50.9554, 57.7072,
60.5894


 20.4018, 10.4733,
7.6350

 56.8465, 67.4193,
68.9350

 20.2030, 10.2826,
6.9313

 63.3483, 78.2036,
77.9437

 68.9260, 86.9877,
87.1131

 70.5048, 87.6192,
95.4269

Harmonies

Analogous

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



28.5377, 24.0083, 38.9323



29.9945, 24.0083, 28.2525



29.3796, 24.0083, 19.2762

Triad

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



29.9945, 24.0083, 28.2525



20.2759, 24.0083, 12.4193



19.1477, 24.0083, 44.4387

Complementary

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



29.9945, 24.0083, 28.2525



29.5115, 39.0598, 36.9961

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.



17.3162, 24.0083, 34.4680



29.9945, 24.0083, 28.2525



17.9207, 24.0083, 16.5119

Square

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



29.9945, 24.0083, 28.2525



23.5450, 24.0083, 11.5411



16.8904, 24.0083, 24.1373



22.1084, 24.0083, 49.6663

Rectangle

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



29.9945, 24.0083, 28.2525



27.9053, 24.0083, 15.1708



16.8904, 24.0083, 24.1373



18.3919, 24.0083, 41.4268

Sweetspot

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



29.9952, 24.0094, 28.2530



69.6598, 68.2064, 76.4833



27.9131, 22.5280, 46.5934



14.8427, 14.3994, 16.2005



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.



29.9952, 24.0094, 28.2530



49.7458, 36.9079, 43.5502



29.0620, 24.8838, 19.4924



8.6304, 8.5589, 9.5520



13.9596, 7.1014, 4.9471



0.4684, 0.2351, 0.3091

Inverse Universe

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



29.9952, 24.0094, 28.2530



49.7458, 36.9079, 43.5502



30.6250, 37.4086, 49.3227



8.6304, 8.5589, 9.5520



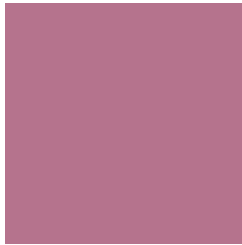
13.9596, 7.1014, 4.9471



0.4684, 0.2351, 0.3091

Previews

White Background



This preview shows how the XYZ color 29.9945, 24.0083, 28.2525 looks on a white background.

Color Contrast Check

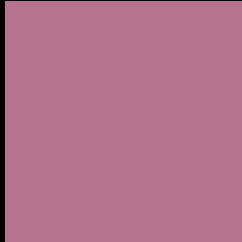
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9945, 24.0083, 28.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

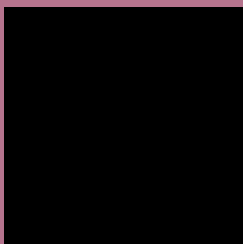
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9945, 24.0083, 28.2525

Background



This preview shows how black text looks on a background with the XYZ color 29.9945, 24.0083, 28.2525.



This preview shows how white text looks on a background with the XYZ color 29.9945, 24.0083,

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

29.9945, 24.0083, 28.2525

Protanopia

23.7906, 24.2556, 33.5649

Deuteranopia

24.5578, 24.1786, 27.4174



Tritanopia

28.8347, 24.0469, 22.8604

Trichromacy



Original Color

29.9945, 24.0083, 28.2525

Protanomaly

25.5919, 23.8327, 31.6851

Deuteranomaly

26.2919, 23.9022, 27.6540

Tritanomaly

29.2804, 24.0646, 24.5744

Monochromacy



Original Color

29.9945, 24.0083, 28.2525

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.9693, 24.6994, 27.8248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9945, 24.0083, 28.2525 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, 115, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 141)  
}
```

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, 115, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.9945, 24.0083, 28.2525 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, 115, 141) }
```


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

```
.border{ border-color:rgb(181, 115, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 115, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9945, 24.0083, 28.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 141) }
```

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

```
.background{ background-color: rgb(181,  
115, 141) }
```

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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