

Converting Colors

XYZ(30.0113, 26.5165, 24.0240)

Have a look what the booklet for
XYZ(30.0113, 26.5165, 24.0240)
contains.

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Color

**XYZ(29.9756, 26.4618,
23.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	B28080
RGB	178, 128, 128
RGB Percent	70%, 50%, 50%
CMY	0.3020, 0.4980, 0.4980
CMYK	0.00, 0.28, 0.28, 0.30
HSL	0°, 25%, 60%
HSV	0°, 28%, 70%
XYZ	29.9756, 26.4618, 23.9498
YIQ	142.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

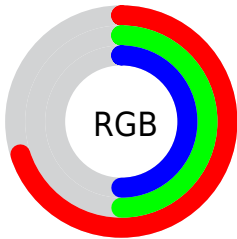
Format	Color
RYB	178, 128, 128
Decimal	11698304
CIELab	58.47, 19.34, 7.67
CIELCh	58, 20.803, 21.643
Yxy	26.4618, 0.3729, 0.3292
Android (android.graphics.Color)	4289888384 (0xFFB28080)
YUV	142.9500, -7.3704, 30.7388
Hunter-Lab	51.4410, 13.9933, 8.4046

Details

The XYZ color **29.9756, 26.4618, 23.9498** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8580, 39.6433, 48.0400**, and the grayscale version is **26.1092, 27.4689, 29.9136**.

A 20% lighter version of the original color is **59.1253, 54.0461, 51.0318**, and **12.4479, 10.2984, 8.7288** is the 20% darker color. If you saturate the color by 10%, you get **26.7838, 21.7915, 17.6038**, and if you desaturate by 10%, it is **33.7816, 32.0313, 31.5152**.

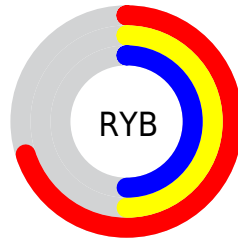
Distribution



Red (70%)

Green (50%)

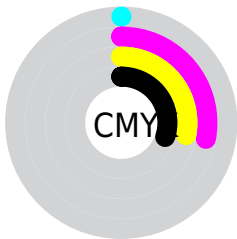
Blue (50%)



Red (70%)

Yellow (50%)

Blue (50%)

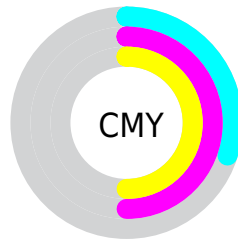


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (30%)



Cyan (30%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9756, 26.4618, 23.9498 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 29.9756, 26.4618, 23.9498 by changing the saturation by 10% instead.

■ 29.9756, 26.4618,
23.9498

■ 29.9756, 26.4618,
23.9498

293.7026,
285.0417, 285.8450

■ 19.9680, 17.1694,
15.0845

■ 59.0105, 54.0190,
50.8911

■ 12.4799, 10.3554,
8.7315

■ 78.7685, 73.0526,
69.8042

■ 7.1459, 5.6352,
4.4720

■ 102.5074, 96.1022,
92.9036

■ 3.6007, 2.6246,
1.8877

130.5926,
123.5519, 120.6079

■ 1.4788, 0.9390,
0.4849

163.3893,
155.7864, 153.3357

■ 0.3113, 0.0000,
0.0000

201.2630,

■ 0.0000, 0.0000,

193.1899, 191.5054

0.0000

244.5790,
236.1469, 235.5357

■ 29.9756, 26.4618,
23.9498

■ 29.9756, 26.4618,
23.9498

■ 26.7838, 21.7915,
17.6038

■ 33.7816, 32.0313,
31.5152

■ 24.1720, 17.9697,
12.4118

■ 38.2294, 38.5397,
40.3573

■ 22.1062, 14.9467,
8.3051


■ 43.3475, 46.0287,
50.5319


■ 20.5475, 12.6659,
5.2066


■ 49.1618, 54.5367,
62.0909


■ 19.4523, 11.0632,
3.0297

■ 55.6973, 64.0998,
75.0834


 18.7695, 10.0641,
1.6725

 62.9773, 74.7525,
89.5562

 18.4159, 9.5466,
0.9697

 71.0244, 86.5275,
105.5540

 18.3604, 9.4653,
0.8593

 72.1702, 88.2051,
107.8292

Harmonies

Analogous

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



30.3060, 26.4618, 30.8961



29.9756, 26.4618, 23.9498



28.3093, 26.4618, 19.1669

Triad

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



29.9756, 26.4618, 23.9498



21.5082, 26.4618, 20.9664



24.4471, 26.4618, 45.0077

Complementary

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



29.9756, 26.4618, 23.9498



32.8580, 39.6433, 48.0400

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.



22.2371, 26.4618, 41.2483



29.9756, 26.4618, 23.9498



20.6167, 26.4618, 26.8246

Square

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



29.9756, 26.4618, 23.9498



23.3904, 26.4618, 17.6573



20.8743, 26.4618, 34.2923



26.9981, 26.4618, 43.8881

Rectangle

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



29.9756, 26.4618, 23.9498



26.7228, 26.4618, 17.4599



20.8743, 26.4618, 34.2923



23.6424, 26.4618, 44.2527

Sweetspot

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



29.9763, 26.4630, 23.9503



69.2840, 69.8270, 73.1010



34.1155, 28.1180, 45.7491



15.0656, 15.0542, 15.6304



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.



29.9763, 26.4630, 23.9503



50.4745, 42.3035, 35.7084



33.6479, 33.8063, 25.1742



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



32.8580, 39.6433, 48.0400



56.6076, 70.3546, 86.9774



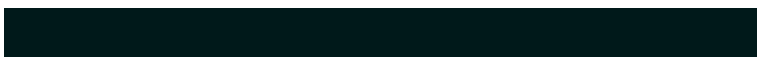
28.3295, 30.5864, 46.5305



8.7426, 9.6315, 10.9046



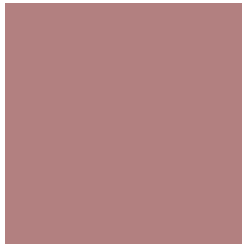
17.1393, 25.0790, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 29.9756, 26.4618, 23.9498 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 29.9756, 26.4618, 23.9498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

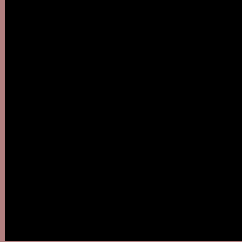
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9756, 26.4618, 23.9498

Background



This preview shows how black text looks on a background with the XYZ color 29.9756, 26.4618, 23.9498.



This preview shows how white text looks on a background with the XYZ color 29.9756, 26.4618,

23.9498.

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

29.9756, 26.4618, 23.9498

Protanopia

25.4283, 26.5252, 26.7013

Deuteranopia

27.1321, 26.6142, 23.7857



Tritanopia

30.6237, 26.5400, 26.8012

Trichromacy



Original Color

29.9756, 26.4618, 23.9498

Protanomaly

26.8736, 26.4424, 25.5173

Deuteranomaly

28.1546, 26.5229, 23.7142

Tritanomaly

30.4134, 26.4559, 25.6938

Monochromacy



Original Color

29.9756, 26.4618, 23.9498

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3862, 27.0799, 27.8283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9756, 26.4618, 23.9498 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(178, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 128)  
}
```

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(178, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.9756, 26.4618, 23.9498 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(178, 128, 128) }
```


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

```
.border{ border-color:rgb(178, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9756, 26.4618, 23.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 128) }
```

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

```
.background{ background-color: rgb(178,  
128, 128) }
```

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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