

Converting Colors

XYZ(32.4782, 24.9529, 26.9772)

Have a look what the booklet for
XYZ(32.4782, 24.9529, 26.9772)
contains.

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Color

**XYZ(32.4849, 24.9827,
27.1548)**

Conversions

Conversions Part 1

Format	Color
Hex	C1718A
RGB	193, 113, 138
RGB Percent	76%, 44%, 54%
CMY	0.2431, 0.5568, 0.4588
CMYK	0.00, 0.41, 0.28, 0.24
HSL	341°, 39%, 60%
HSV	341°, 41%, 76%
XYZ	32.4849, 24.9827, 27.1548
YIQ	139.7700, 39.6550, 24.7350

Conversions

Conversions Part 2

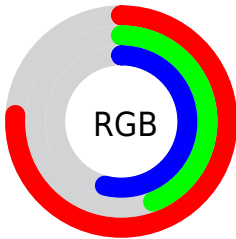
Format	Color
R_{YB}	193, 113, 138
Decimal	12677514
CIE _{Lab}	57.06, 34.68, 0.07
CIE _{LCh}	57, 34.676, 0.120
Yxy	24.9827, 0.3839, 0.2952
Android (android.graphics.Color)	4290867594 (0xFFC1718A)
YUV	139.7700, -0.8726, 46.6827
Hunter-Lab	49.9827, 28.5415, 2.7766

Details

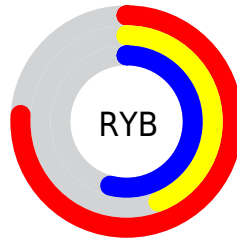
The XYZ color **32.4849, 24.9827, 27.1548** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.9490, 44.4784, 43.8966**, and the grayscale version is **24.8312, 26.1243, 28.4494**.

A 20% lighter version of the original color is **62.8238, 51.5433, 55.9279**, and **13.8555, 9.5780, 10.3510** is the 20% darker color. If you saturate the color by 10%, you get **29.6534, 20.7644, 21.7572**, and if you desaturate by 10%, it is **35.8930, 30.1661, 33.3243**.

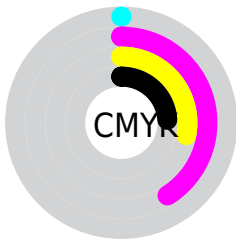
Distribution



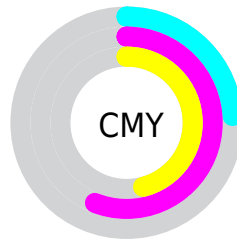
- Red (76%)
- Green (44%)
- Blue (54%)



- Red (76%)
- Yellow (44%)
- Blue (54%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (24%)





- Cyan (24%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4849, 24.9827, 27.1548 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 32.4849, 24.9827, 27.1548 by changing the saturation by 10% instead.

 32.4849, 24.9827,
27.1548


 32.4849, 24.9827,
27.1548


305.0284,
277.7518, 302.1897


 21.8895, 16.0642,
17.4561


 62.9306, 51.6292,
56.1389


 13.8919, 9.5696,
10.3948


 83.5115, 70.1259,
76.2614

 8.1267, 5.1145,
5.5525


 108.1517, 92.5841,
100.6955

 4.2286, 2.3146,
2.5106

 137.2165,
119.3882, 129.8598

 1.8323, 0.7814,
0.8458

171.0712,
150.9227, 164.1728

 0.5370, 0.0000,
0.0000

210.0812,

 0.0000, 0.0000,

187.5718, 204.0531

0.0000

254.6118,
229.7201, 249.9192

■ 32.4849, 24.9827,
27.1548

■ 32.4849, 24.9827,
27.1548

■ 29.6534, 20.7644,
21.7572

■ 35.8930, 30.1661,
33.3243

■ 27.3631, 17.4472,
17.0981

■ 39.9064, 36.3659,
40.2941

■ 25.5773, 14.9653,
13.1435


■ 44.5541, 43.6342,
48.0931


■ 24.2540, 13.2421,
9.8560

■ 49.8630, 52.0185,
56.7481


■ 23.3437, 12.1866,
7.1937


■ 55.8579, 61.5631,
66.2847

 22.8161, 11.6670,
5.3669

 62.5627, 72.3104,
76.7274

 70.0000, 84.3002,
88.0998

 74.1053, 89.3986,
99.0624

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



31.2168, 24.9827, 39.9986



32.4849, 24.9827, 27.1548



31.1971, 24.9827, 17.4142

Triad

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



32.4849, 24.9827, 27.1548



20.0225, 24.9827, 12.0300



20.0479, 24.9827, 51.7002

Complementary

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



32.4849, 24.9827, 27.1548



32.9490, 44.4784, 43.8966

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.



17.5860, 24.9827, 40.1043



32.4849, 24.9827, 27.1548



17.5726, 24.9827, 17.4749

Square

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



32.4849, 24.9827, 27.1548



23.7289, 24.9827, 10.3537



16.7332, 24.9827, 27.2491



23.7618, 24.9827, 56.4187

Rectangle

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



32.4849, 24.9827, 27.1548



29.1383, 24.9827, 13.3479



16.7332, 24.9827, 27.2491



19.0625, 24.9827, 48.3398

Sweetspot

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



32.4856, 24.9839, 27.1553



79.1409, 77.1187, 85.0497



31.6093, 23.9502, 53.4091



16.7319, 16.1577, 17.8369



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.4856, 24.9839, 27.1553



53.4160, 37.6402, 39.5684



32.6496, 27.8825, 19.2854



10.1999, 10.1286, 11.1434



15.2075, 7.7728, 3.7388



0.6888, 0.3485, 0.3284

Inverse Universe

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



32.4856, 24.9839, 27.1553



53.4160, 37.6402, 39.5684



32.4234, 39.3354, 56.3358



10.1999, 10.1286, 11.1434



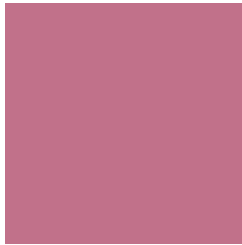
15.2075, 7.7728, 3.7388



0.6888, 0.3485, 0.3284

Previews

White Background



This preview shows how the XYZ color 32.4849, 24.9827, 27.1548 looks on a white background.

Color Contrast Check

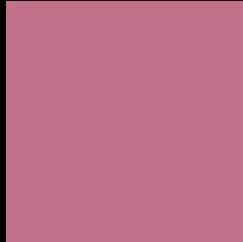
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4849, 24.9827, 27.1548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

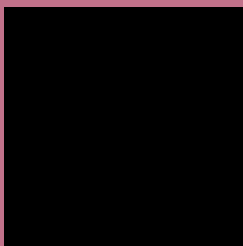
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4849, 24.9827, 27.1548

Background



This preview shows how black text looks on a background with the XYZ color 32.4849, 24.9827, 27.1548.



This preview shows how white text looks on a background with the XYZ color 32.4849, 24.9827,

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

32.4849, 24.9827, 27.1548

Protanopia

24.6250, 25.1096, 33.2545

Deuteranopia

25.7096, 25.1997, 26.4307



Tritanopia

31.5071, 24.9232, 22.2188

Trichromacy



Original Color

32.4849, 24.9827, 27.1548

Protanomaly

26.8903, 24.7130, 30.9566

Deuteranomaly

27.8411, 24.9148, 26.6342

Tritanomaly

31.7180, 24.8261, 23.8891

Monochromacy



Original Color

32.4849, 24.9827, 27.1548

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.9409, 25.2003, 27.8703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4849, 24.9827, 27.1548 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(193, 113, 138)` looks like.

```
.text, #text, p{  
    color:rgb(193, 113, 138)  
}
```

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(193, 113, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 113, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.4849, 24.9827, 27.1548 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(193, 113, 138) }
```


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

```
.border{ border-color:rgb(193, 113, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 113, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 113, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 113, 138);  
box-shadow:4px 4px 4px 4px rgb(193, 113,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4849, 24.9827, 27.1548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 113, 138) }
```

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

```
.background{ background-color: rgb(193,  
113, 138) }
```

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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