

Converting Colors

XYZ(29.7469, 26.3440, 23.9391)

Have a look what the booklet for
XYZ(29.7469, 26.3440, 23.9391)
contains.

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Color

**XYZ(29.7469, 26.3440,
23.9391)**

Conversions

Conversions Part 1

Format	Color
Hex	B18080
RGB	177, 128, 128
RGB Percent	69%, 50%, 50%
CMY	0.3059, 0.4980, 0.4980
CMYK	0.00, 0.28, 0.28, 0.31
HSL	0°, 24%, 60%
HSV	0°, 28%, 69%
XYZ	29.7469, 26.3440, 23.9391
YIQ	142.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

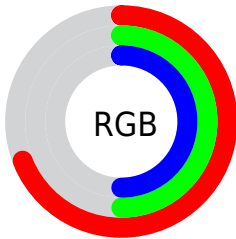
Format	Color
RYB	177, 128, 128
Decimal	11632768
CIELab	58.36, 18.95, 7.50
CIELCh	58, 20.376, 21.596
Yxy	26.3440, 0.3717, 0.3292
Android (android.graphics.Color)	4289822848 (0xFFB18080)
YUV	142.6510, -7.2229, 30.1241
Hunter-Lab	51.3264, 13.6308, 8.2751

Details

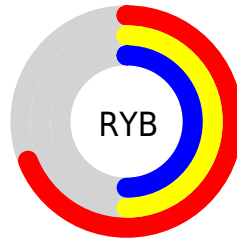
The XYZ color **29.7469, 26.3440, 23.9391** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5594, 39.2064, 47.4465**, and the grayscale version is **25.9897, 27.3432, 29.7767**.

A 20% lighter version of the original color is **58.7960, 53.8764, 51.0164**, and **12.3041, 10.2242, 8.7221** is the 20% darker color. If you saturate the color by 10%, you get **26.5714, 21.6975, 17.6254**, and if you desaturate by 10%, it is **33.5298, 31.8796, 31.4584**.

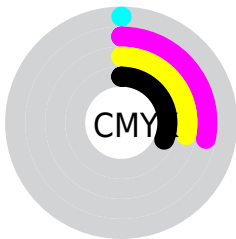
Distribution



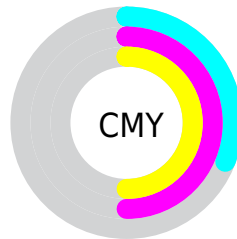
- Red (69%)
- Green (50%)
- Blue (50%)



- Red (69%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (31%)





- Cyan (31%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7469, 26.3440, 23.9391 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 29.7469, 26.3440, 23.9391 by changing the saturation by 10% instead.


 29.7469, 26.3440,
23.9391


 29.7469, 26.3440,
23.9391


292.6540,
284.4667, 285.7891


 19.7937, 17.0812,
15.0767


 58.6511, 53.8294,
50.8734

 12.3525, 10.2924,
8.7260


 78.3327, 72.8207,
69.7823

 7.0582, 5.5932,
4.4685


 101.9879, 95.8237,
92.8772

 3.5452, 2.5994,
1.8857

129.9819,
123.2227, 120.5765

 1.4482, 0.9263,
0.4836

162.6802,
155.4021, 153.2988

 0.2902, 0.0000,
0.0000

200.4481,

 0.0000, 0.0000,

192.7463, 191.4626

0.0000

243.6509,
235.6397, 235.4865

■ 29.7469, 26.3440,
23.9391

■ 29.7469, 26.3440,
23.9391

■ 26.5714, 21.6975,
17.6254

■ 33.5298, 31.8796,
31.4584

■ 23.9696, 17.8904,
12.4533

■ 37.9470, 38.3432,
40.2399

■ 21.9080, 14.8736,
8.3550

■ 43.0267, 45.7761,
50.3383

■ 20.3486, 12.5916,
5.2552

■ 48.7944, 54.2159,
61.8047

■ 19.2485, 10.9818,
3.0684

■ 55.2746, 63.6981,
74.6875

■ 18.5577, 9.9710,
1.6955

■ 62.4904, 74.2567,
89.0327

■ 18.1986, 9.4454,
0.9817

■ 70.4639, 85.9240,
104.8843

■ 18.1316, 9.3474,
0.8486

■ 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



30.0666, 26.3440, 30.7296



29.7469, 26.3440, 23.9391



28.1243, 26.3440, 19.2461

Triad

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



29.7469, 26.3440, 23.9391



21.4803, 26.3440, 20.9997



24.3478, 26.3440, 44.4521

Complementary

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



29.7469, 26.3440, 23.9391



32.5594, 39.2064, 47.4465

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.



22.1884, 26.3440, 40.7918



29.7469, 26.3440, 23.9391



20.6060, 26.3440, 26.7315

Square

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



29.7469, 26.3440, 23.9391



23.3223, 26.3440, 17.7545



20.8564, 26.3440, 34.0181



26.8383, 26.3440, 43.3719

Rectangle

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



29.7469, 26.3440, 23.9391



26.5773, 26.3440, 17.5659



20.8564, 26.3440, 34.0181



23.5616, 26.3440, 43.7161

Sweetspot

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



29.7476, 26.3452, 23.9396



67.5777, 68.1094, 71.3048



33.7866, 27.9600, 45.2111



14.3771, 14.3682, 14.9200



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.7476, 26.3452, 23.9396



49.8039, 42.1013, 35.9708



33.3375, 33.5249, 25.1362



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



32.5594, 39.2064, 47.4465



55.6507, 68.8445, 84.8505



28.1477, 30.3829, 45.9760



8.7426, 9.6315, 10.9046



17.1390, 25.0784, 34.0743



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 29.7469, 26.3440, 23.9391 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 29.7469, 26.3440, 23.9391 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 29.7469, 26.3440, 23.9391

Background



This preview shows how black text looks on a background with the XYZ color 29.7469, 26.3440, 23.9391.



This preview shows how white text looks on a background with the XYZ color 29.7469, 26.3440,

23.9391.

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

29.7469, 26.3440, 23.9391

Protanopia

25.3582, 26.4971, 26.3322

Deuteranopia

26.9330, 26.5116, 23.7764



Tritanopia

30.3934, 26.4213, 26.7905

Trichromacy



Original Color

29.7469, 26.3440, 23.9391

Protanomaly

26.8736, 26.4424, 25.5173

Deuteranomaly

27.9442, 26.4144, 23.7043

Tritanomaly

30.1831, 26.3372, 25.6831

Monochromacy



Original Color

29.7469, 26.3440, 23.9391

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1935, 26.9805, 27.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7469, 26.3440, 23.9391 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(177, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.7469, 26.3440, 23.9391 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(177, 128, 128) }
```


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

```
.border{ border-color:rgb(177, 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(177, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(177, 128,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7469, 26.3440, 23.9391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 128, 128) }
```

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

```
.background{ background-color: rgb(177,  
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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