

Converting Colors

XYZ(32.7928, 24.6580, 29.1152)

Have a look what the booklet for
XYZ(32.7928, 24.6580, 29.1152)
contains.

XYZ(32.7820, 24.6044, 29.0079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.7820, 24.6044,
29.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	C26E8F
RGB	194, 110, 143
RGB Percent	76%, 43%, 56%
CMY	0.2392, 0.5686, 0.4392
CMYK	0.00, 0.43, 0.26, 0.24
HSL	336°, 41%, 60%
HSV	336°, 43%, 76%
XYZ	32.7820, 24.6044, 29.0079
YIQ	138.8780, 39.4710, 28.0710

Conversions

Conversions Part 2

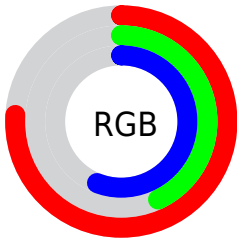
Format	Color
RYB	194, 110, 143
Decimal	12742287
CIELab	56.69, 37.34, -3.37
CIElCh	57, 37.488, 354.847
Yxy	24.6044, 0.3794, 0.2848
Android (android.graphics.Color)	4290932367 (0xFFC26E8F)
YUV	138.8780, 2.0321, 48.3420
Hunter-Lab	49.6028, 31.1639, 0.0490

Details

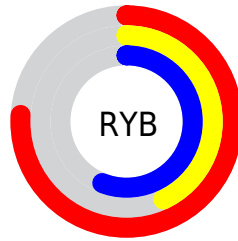
The XYZ color **32.7820, 24.6044, 29.0079** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.1564, 44.4724, 40.6098**, and the grayscale version is **24.4762, 25.7509, 28.0427**.

A 20% lighter version of the original color is **63.3201, 50.9211, 59.3147**, and **14.0210, 9.3215, 11.4162** is the 20% darker color. If you saturate the color by 10%, you get **30.0674, 20.5290, 23.9293**, and if you desaturate by 10%, it is **36.0499, 29.6361, 34.7338**.

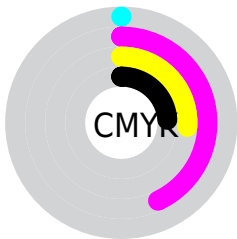
Distribution



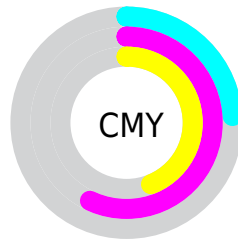
- Red (76%)
- Green (43%)
- Blue (56%)



- Red (76%)
- Yellow (43%)
- Blue (56%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (24%)





- Cyan (24%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7820, 24.6044, 29.0079 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 32.7820, 24.6044, 29.0079 by changing the saturation by 10% instead.

 32.7820, 24.6044,
29.0079


 32.7820, 24.6044,
29.0079


306.3487,
275.8621, 311.3143


 22.1179, 15.7826,
18.8412


 63.3920, 51.0147,
59.1320


 14.0607, 9.3704,
11.3799


 84.0686, 69.3720,
79.9264

 8.2449, 4.9836,
6.2056


 108.8135, 91.6765,
105.1005

 4.3051, 2.2376,
2.8997

 137.9919,
118.3127, 135.0727

 1.8762, 0.7404,
1.0436

171.9693,
149.6650, 170.2617

 0.5629, 0.0000,
0.0000

211.1110,

 0.0000, 0.0000,

186.1177, 211.0859

0.0000

255.7823,
228.0553, 257.9639

■ 32.7820, 24.6044,
29.0079

■ 32.7820, 24.6044,
29.0079

■ 30.0674, 20.5290,
23.9293

■ 36.0499, 29.6361,
34.7338

■ 27.8709, 17.3446,
19.4712

■ 39.8993, 35.6765,
41.1292

■ 26.1564, 14.9836,
15.6070


■ 44.3587, 42.7785,
48.2169

■ 24.8817, 13.3668,
12.3069

■ 49.4544, 50.9903,
56.0182


■ 23.9965, 12.3991,
9.5375


■ 55.2108, 60.3571,
64.5532

 23.5600, 11.9941,
7.9488

 61.6512, 70.9214,
73.8414

 68.7977, 82.7238,
83.9015

 73.3286, 89.1175,
93.6370

 75.1092, 89.8298,
103.0139

Harmonies

Analogous

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



30.9424, 24.6044, 43.1526



32.7820, 24.6044, 29.0079



31.8600, 24.6044, 17.9048

Triad

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



32.7820, 24.6044, 29.0079



20.0329, 24.6044, 10.3603



18.8779, 24.6044, 51.6452

Complementary

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



32.7820, 24.6044, 29.0079



32.1564, 44.4724, 40.6098

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.



16.5655, 24.6044, 38.2146



32.7820, 24.6044, 29.0079



17.1719, 24.6044, 15.1952

Square

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



32.7820, 24.6044, 29.0079



24.1479, 24.6044, 9.2713



15.9820, 24.6044, 24.6882



22.6398, 24.6044, 58.5751

Rectangle

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



32.7820, 24.6044, 29.0079



29.8564, 24.6044, 13.1611



15.9820, 24.6044, 24.6882



17.9248, 24.6044, 47.5717

Sweetspot

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



32.7827, 24.6056, 29.0084



80.4446, 77.6287, 87.4783



29.8919, 22.5632, 53.8188



17.1962, 16.3272, 18.4991



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.7827, 24.6056, 29.0084



54.6849, 37.5043, 43.7621



31.5892, 25.6477, 18.0390



10.2334, 10.1420, 11.3195



15.5277, 7.9008, 5.4250



0.7048, 0.3549, 0.4129

Inverse Universe

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



32.7827, 24.6056, 29.0084



54.6849, 37.5043, 43.7621



33.6436, 42.1602, 57.4036



10.2334, 10.1420, 11.3195



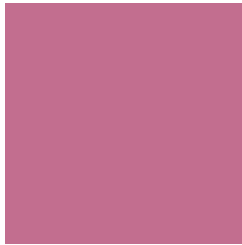
15.5277, 7.9008, 5.4250



0.7048, 0.3549, 0.4129

Previews

White Background



This preview shows how the XYZ color 32.7820, 24.6044, 29.0079 looks on a white background.

Color Contrast Check

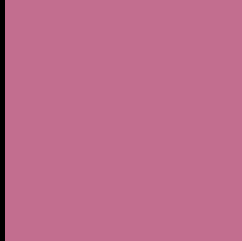
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7820, 24.6044, 29.0079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

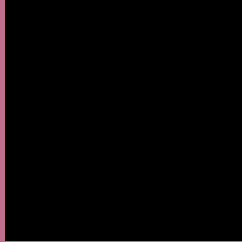
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7820, 24.6044, 29.0079

Background



This preview shows how black text looks on a background with the XYZ color 32.7820, 24.6044, 29.0079.



This preview shows how white text looks on a background with the XYZ color 32.7820, 24.6044,

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

32.7820, 24.6044, 29.0079

Protanopia

24.4377, 24.7367, 36.2875

Deuteranopia

25.1242, 24.6625, 27.8622



Tritanopia

31.2684, 24.6462, 21.5215

Trichromacy



Original Color

32.7820, 24.6044, 29.0079

Protanomaly

26.7282, 24.1902, 33.3974

Deuteranomaly

27.4583, 24.3081, 28.0557

Tritanomaly

31.9267, 24.7594, 24.2154

Monochromacy



Original Color

32.7820, 24.6044, 29.0079

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.7509, 24.7027, 28.1691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7820, 24.6044, 29.0079 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(194, 110, 143)` looks like.

```
.text, #text, p{  
    color:rgb(194, 110, 143)  
}
```

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(194, 110, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 110, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.7820, 24.6044, 29.0079 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(194, 110, 143) }
```


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

```
.border{ border-color:rgb(194, 110, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 110, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 110, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 110, 143);  
box-shadow:4px 4px 4px 4px rgb(194, 110,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7820, 24.6044, 29.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 110, 143) }
```

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

```
.background{ background-color: rgb(194,  
110, 143) }
```

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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