

Converting Colors

XYZ(32.7011, 25.1976, 28.9532)

Have a look what the booklet for
XYZ(32.7011, 25.1976, 28.9532)
contains.

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Color

**XYZ(32.7135, 25.2243,
29.1312)**

Conversions

Conversions Part 1

Format	Color
Hex	C0728F
RGB	192, 114, 143
RGB Percent	75%, 45%, 56%
CMY	0.2471, 0.5529, 0.4392
CMYK	0.00, 0.41, 0.26, 0.25
HSL	338°, 38%, 60%
HSV	338°, 41%, 75%
XYZ	32.7135, 25.2243, 29.1312
YIQ	140.6280, 37.1790, 25.5550

Conversions

Conversions Part 2

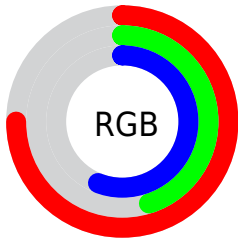
Format	Color
RYB	192, 114, 143
Decimal	12612239
CIELab	57.29, 34.48, -2.51
CIElCh	57, 34.573, 355.844
Yxy	25.2243, 0.3757, 0.2897
Android (android.graphics.Color)	4290802319 (0xFFC0728F)
YUV	140.6280, 1.1694, 45.0532
Hunter-Lab	50.2238, 28.3751, 0.7668

Details

The XYZ color **32.7135, 25.2243, 29.1312** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.4011, 43.9217, 41.4226**, and the grayscale version is **25.1580, 26.4682, 28.8238**.

A 20% lighter version of the original color is **63.3211, 51.9926, 59.5215**, and **14.1257, 9.7755, 11.4983** is the 20% darker color. If you saturate the color by 10%, you get **29.9056, 20.9929, 23.9267**, and if you desaturate by 10%, it is **36.0757, 30.4065, 35.0057**.

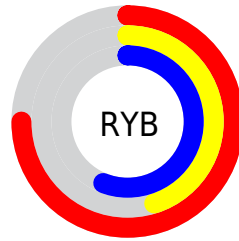
Distribution



Red (75%)

Green (45%)

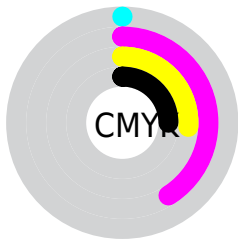
Blue (56%)



Red (75%)

Yellow (45%)

Blue (56%)

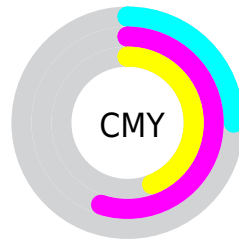


Cyan (0%)

Magenta (41%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7135, 25.2243, 29.1312 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 32.7135, 25.2243, 29.1312 by changing the saturation by 10% instead.

 32.7135, 25.2243,
29.1312


 32.7135, 25.2243,
29.1312


306.0446,
278.9531, 311.9138


 22.0652, 16.2442,
18.9337

 63.2857, 52.0209,
59.3301


 14.0217, 9.6972,
11.4460


 83.9403, 70.6062,
80.1686

 8.2176, 5.1986,
6.2498


 108.6610, 93.1620,
105.3912

 4.2875, 2.3643,
2.9263

 137.8133,
120.0728, 135.4163

 1.8660, 0.8074,
1.0571

171.7624,
151.7229, 170.6626

 0.5570, 0.0000,
0.0000

210.8738,

 0.0000, 0.0000,

188.4967, 211.5486

0.0000

255.5127,
230.7787, 258.4928

■ 32.7135, 25.2243,
29.1312

■ 32.7135, 25.2243,
29.1312

■ 29.9056, 20.9929,
23.9267

■ 36.0757, 30.4065,
35.0057

■ 27.6180, 17.6501,
19.3650

■ 40.0191, 36.5894,
41.5732

■ 25.8163, 15.1319,
15.4188


■ 44.5715, 43.8238,
48.8569

■ 24.4606, 13.3642,
12.0578


■ 49.7582, 52.1559,
56.8789


■ 23.5041, 12.2590,
9.2484


■ 55.6030, 61.6290,
65.6600

 22.8878, 11.6663,
7.0706

 62.1284, 72.2844,
75.2200

 69.3560, 84.1611,
85.5784

 73.1521, 88.9880,
95.3689

 74.9995, 89.7270,
105.0970

Harmonies

Analogous

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



31.0961, 25.2243, 42.1650



32.7135, 25.2243, 29.1312



31.7795, 25.2243, 18.7635

Triad

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



32.7135, 25.2243, 29.1312



20.7048, 25.2243, 11.7625



19.8217, 25.2243, 50.6613

Complementary

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



32.7135, 25.2243, 29.1312



32.4011, 43.9217, 41.4226

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.



17.5658, 25.2243, 38.5105



32.7135, 25.2243, 29.1312



18.0335, 25.2243, 16.6531

Square

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



32.7135, 25.2243, 29.1312



24.5499, 25.2243, 10.5587



16.9501, 25.2243, 25.8635



23.4090, 25.2243, 56.6413

Rectangle

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



32.7135, 25.2243, 29.1312



29.8867, 25.2243, 14.2587



16.9501, 25.2243, 25.8635



18.8992, 25.2243, 47.0204

Sweetspot

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



32.7142, 25.2255, 29.1317



79.3910, 77.2187, 86.3664



30.4534, 23.5337, 52.8068



16.7906, 16.1811, 18.1460



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.



32.7142, 25.2255, 29.1317



54.5761, 38.6165, 44.0980



31.8718, 26.6134, 19.3782



10.2246, 10.1384, 11.2732



15.4358, 7.8641, 4.9411



0.7004, 0.3532, 0.3896

Inverse Universe

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



32.7142, 25.2255, 29.1317



54.5761, 38.6165, 44.0980



33.3676, 41.2097, 56.0650



10.2246, 10.1384, 11.2732



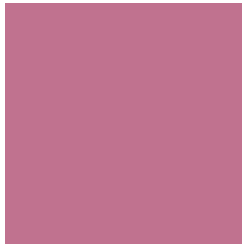
15.4358, 7.8641, 4.9411



0.7004, 0.3532, 0.3896

Previews

White Background



This preview shows how the XYZ color 32.7135, 25.2243, 29.1312 looks on a white background.

Color Contrast Check

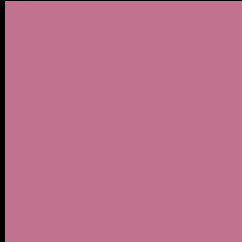
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7135, 25.2243, 29.1312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

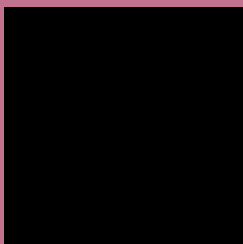
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7135, 25.2243, 29.1312

Background



This preview shows how black text looks on a background with the XYZ color 32.7135, 25.2243, 29.1312.



This preview shows how white text looks on a background with the XYZ color 32.7135, 25.2243,

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

32.7135, 25.2243, 29.1312

Protanopia

25.0231, 25.4765, 35.4969

Deuteranopia

26.0212, 25.5230, 28.3659



Tritanopia

31.3624, 25.1761, 22.9452

Trichromacy



Original Color

32.7135, 25.2243, 29.1312

Protanomaly

27.2281, 25.0354, 33.1030

Deuteranomaly

28.1230, 25.2088, 28.5829

Tritanomaly

31.8961, 25.2331, 25.0192

Monochromacy



Original Color

32.7135, 25.2243, 29.1312

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.4960, 25.6592, 29.0947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7135, 25.2243, 29.1312 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(192, 114, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 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(192, 114, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.7135, 25.2243, 29.1312 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(192, 114, 143) }
```


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

```
.border{ border-color:rgb(192, 114, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7135, 25.2243, 29.1312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 143) }
```

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

```
.background{ background-color: rgb(192,  
114, 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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