

Converting Colors

XYZ(32.2907, 24.6930, 24.9952)

Have a look what the booklet for
XYZ(32.2907, 24.6930, 24.9952)
contains.

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Color

**XYZ(32.2072, 24.7236,
24.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	C27084
RGB	194, 112, 132
RGB Percent	76%, 44%, 52%
CMY	0.2392, 0.5608, 0.4824
CMYK	0.00, 0.42, 0.32, 0.24
HSL	345°, 40%, 60%
HSV	345°, 42%, 76%
XYZ	32.2072, 24.7236, 24.9044
YIQ	138.7980, 42.4520, 23.6040

Conversions

Conversions Part 2

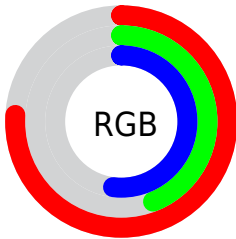
Format	Color
RYB	194, 112, 132
Decimal	12742788
CIELab	56.81, 34.77, 3.21
CIElCh	57, 34.918, 5.282
Yxy	24.7236, 0.3936, 0.3021
Android (android.graphics.Color)	4290932868 (0xFFC27084)
YUV	138.7980, -3.3514, 48.4122
Hunter-Lab	49.7228, 28.6057, 5.1097

Details

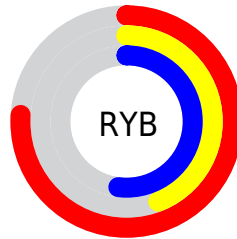
The XYZ color **32.2072, 24.7236, 24.9044** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **33.6151, 45.0850, 46.9774**, and the grayscale version is **24.4646, 25.7387, 28.0294**.

A 20% lighter version of the original color is **62.3570, 51.1085, 52.4773**, and **13.7652, 9.4731, 9.2866** is the 20% darker color. If you saturate the color by 10%, you get **29.3584, 20.5211, 19.3456**, and if you desaturate by 10%, it is **35.6596, 29.9073, 31.3613**.

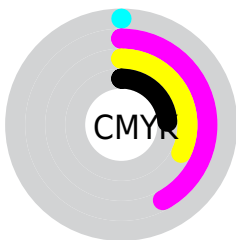
Distribution



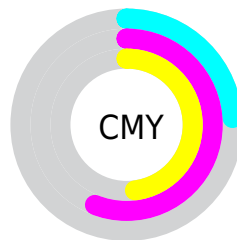
- Red (76%)
- Green (44%)
- Blue (52%)



- Red (76%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (32%)
- Black (24%)




- Cyan (24%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2072, 24.7236, 24.9044 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 32.2072, 24.7236, 24.9044 by changing the saturation by 10% instead.

 32.2072, 24.7236,
24.9044


 32.2072, 24.7236,
24.9044


303.7906,
276.4586, 290.7939


 21.6761, 15.8712,
15.7875


 62.4988, 51.2085,
52.4643


 13.7344, 9.4331,
9.2212


 82.9900, 69.6098,
71.7443

 8.0166, 5.0247,
4.7869


 107.5320, 91.9628,
95.2491

 4.1575, 2.2618,
2.0663

 136.4900,
118.6521, 123.3973

 1.7916, 0.7534,
0.5956

170.2296,
150.0619, 156.6073

 0.5126, 0.0000,
0.0000

209.1159,

 0.0000, 0.0000,

186.5767, 195.2977

0.0000

253.5145,
228.5808, 239.8871

■ 32.2072, 24.7236,
24.9044

■ 32.2072, 24.7236,
24.9044

■ 29.3584, 20.5211,
19.3456

■ 35.6596, 29.9073,
31.3613

■ 27.0755, 17.2340,
14.6428

■ 39.7465, 36.1251,
38.7531

■ 25.3195, 14.7941,
10.7522


■ 44.4987, 43.4307,
47.1161


■ 24.0453, 13.1221,
7.6254


■ 49.9448, 51.8729,
56.4842


■ 23.1996, 12.1234,
5.2082

■ 56.1113, 61.4974,
66.8897

 22.7676, 11.6771,
3.7761

 63.0236, 72.3476,
78.3635

 70.7056, 84.4645,
90.9350

 75.1623, 89.8510,
103.2933

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



31.3689, 24.7236, 37.4488



32.2072, 24.7236, 24.9044



30.5016, 24.7236, 15.9173

Triad

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



32.2072, 24.7236, 24.9044



19.2533, 24.7236, 12.4302



20.3692, 24.7236, 52.9170

Complementary

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



32.2072, 24.7236, 24.9044



33.6151, 45.0850, 46.9774

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.



17.6597, 24.7236, 42.0919



32.2072, 24.7236, 24.9044



17.0696, 24.7236, 18.5762

Square

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



32.2072, 24.7236, 24.9044



22.7844, 24.7236, 10.1743



16.5217, 24.7236, 29.0411



24.2285, 24.7236, 56.0576

Rectangle

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



32.2072, 24.7236, 24.9044



28.2557, 24.7236, 12.3547



16.5217, 24.7236, 29.0411



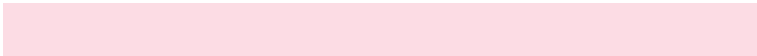
19.3086, 24.7236, 49.9289

Sweetspot

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



32.2079, 24.7248, 24.9049



79.7576, 77.3539, 83.8603



32.8771, 24.4260, 54.0211



17.0240, 16.2583, 17.5920



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.



32.2079, 24.7248, 24.9049



53.4028, 37.4898, 35.4750



33.4929, 29.2789, 19.2168



10.1717, 10.1173, 10.9946



14.9966, 7.6884, 2.6284



0.6763, 0.3435, 0.2628

Inverse Universe

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



32.2079, 24.7248, 24.9049



53.4028, 37.4898, 35.4750



31.4603, 37.4200, 56.6038



10.1717, 10.1173, 10.9946



14.9966, 7.6884, 2.6284



0.6763, 0.3435, 0.2628

Previews

White Background



This preview shows how the XYZ color 32.2072, 24.7236, 24.9044 looks on a white background.

Color Contrast Check

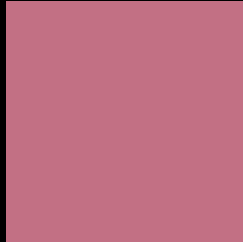
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2072, 24.7236, 24.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

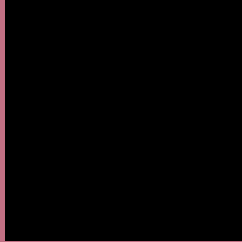
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2072, 24.7236, 24.9044

Background



This preview shows how black text looks on a background with the XYZ color 32.2072, 24.7236, 24.9044.



This preview shows how white text looks on a background with the XYZ color 32.2072, 24.7236,

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

32.2072, 24.7236, 24.9044

Protanopia

24.3090, 25.0020, 30.7388

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

31.5225, 24.7772, 21.5334

Trichromacy



Original Color

32.2072, 24.7236, 24.9044

Protanomaly

26.4976, 24.3709, 28.5068

Deuteranomaly

27.5113, 24.6038, 24.4181

Tritanomaly

31.6633, 24.6541, 22.8285

Monochromacy



Original Color

32.2072, 24.7236, 24.9044

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.5923, 24.8490, 26.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2072, 24.7236, 24.9044 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, 112, 132)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 132)  
}
```

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, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.2072, 24.7236, 24.9044 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, 112, 132) }
```


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

```
.border{ border-color:rgb(194, 112, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2072, 24.7236, 24.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 132) }
```

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

```
.background{ background-color: rgb(194,  
112, 132) }
```

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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