

Converting Colors

XYZ(24.8562, 20.5332, 20.7424)

Have a look what the booklet for
XYZ(24.8562, 20.5332, 20.7424)
contains.

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Color

**XYZ(24.8562, 20.5332,
20.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	A76D79
RGB	167, 109, 121
RGB Percent	65%, 43%, 47%
CMY	0.3451, 0.5725, 0.5255
CMYK	0.00, 0.35, 0.28, 0.35
HSL	348°, 25%, 54%
HSV	348°, 35%, 65%
XYZ	24.8562, 20.5332, 20.7424
YIQ	127.7100, 30.7160, 16.0280

Conversions

Conversions Part 2

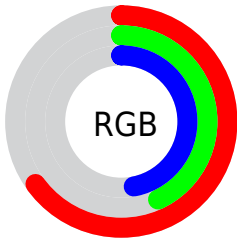
Format	Color
R_{YB}	167, 109, 121
Decimal	10972537
CIE _{Lab}	52.43, 24.77, 2.91
CIE _{LCh}	52, 24.937, 6.706
Yxy	20.5332, 0.3759, 0.3105
Android (android.graphics.Color)	4289162617 (0xFFA76D79)
YUV	127.7100, -3.3080, 34.4573
Hunter-Lab	45.3136, 18.6152, 4.5794

Details

The XYZ color **24.8562, 20.5332, 20.7424** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0427, 33.2558, 36.0584**, and the grayscale version is **20.4215, 21.4850, 23.3972**.

A 20% lighter version of the original color is **50.7191, 44.1948, 45.3924**, and **9.6285, 7.2235, 7.1901** is the 20% darker color. If you saturate the color by 10%, you get **22.4838, 17.0001, 16.2155**, and if you desaturate by 10%, it is **27.6798, 24.7898, 25.9705**.

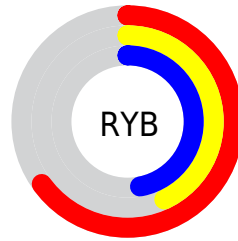
Distribution



Red (65%)

Green (43%)

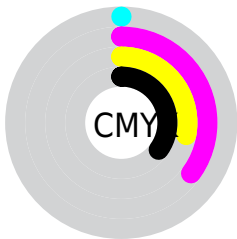
Blue (47%)



Red (65%)

Yellow (43%)

Blue (47%)

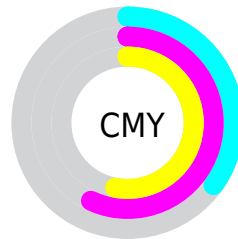


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (35%)



Cyan (35%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8562, 20.5332, 20.7424 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 24.8562, 20.5332, 20.7424 by changing the saturation by 10% instead.

■ 24.8562, 20.5332,
20.7424

■ 24.8562, 20.5332,
20.7424

269.4819,
254.7872, 268.6422

■ 16.0981, 12.7832,
12.7464

■ 50.8684, 44.3093,
45.5336

■ 9.6849, 7.2794,
7.1255

■ 68.8533, 61.1043,
63.1660

■ 5.2512, 3.6375,
3.4611

■ 90.6444, 81.6830,
84.8475

■ 2.4317, 1.4729,
1.3346

■ 116.6072,
106.4299, 110.9968

■ 0.8609, 0.2695,
0.0899

147.1070,
135.7294, 142.0324

■ 0.0000, 0.0000,
0.0000

182.5091,

169.9658, 178.3728

223.1790,
209.5236, 220.4366

■ 24.8562, 20.5332,
20.7424

■ 24.8562, 20.5332,
20.7424

■ 22.4838, 17.0001,
16.2155

■ 27.6798, 24.7898,
25.9705

■ 20.5370, 14.1473,
12.3583

■ 30.9749, 29.8041,
31.9268

■ 18.9906, 11.9317,
9.1387


■ 34.7624, 35.6116,
38.6386


■ 17.8156, 10.3035,
6.5216


■ 39.0618, 42.2448,
46.1311


■ 16.9791, 9.2062,
4.4680


■ 43.8912, 49.7343,
54.4286


 16.4415, 8.5705,
2.9341

 49.2680, 58.1092,
63.5542

 16.2331, 8.3342,
2.3080

 55.2087, 67.3970,
73.5301

 61.7292, 77.6244,
84.3776

 67.4560, 86.0394,
95.6545

Harmonies

Analogous

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



24.4245, 20.5332, 28.4444



24.8562, 20.5332, 20.7424



23.7594, 20.5332, 14.9097

Triad

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



24.8562, 20.5332, 20.7424



16.7047, 20.5332, 12.8095



17.6236, 20.5332, 38.0679

Complementary

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



24.8562, 20.5332, 20.7424



26.0427, 33.2558, 36.0584

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.



15.8109, 20.5332, 31.9452



24.8562, 20.5332, 20.7424



15.3139, 20.5332, 17.2070

Square

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



24.8562, 20.5332, 20.7424



18.9439, 20.5332, 11.0271



15.0016, 20.5332, 24.0536



20.0999, 20.5332, 39.5972

Rectangle

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



24.8562, 20.5332, 20.7424



22.3612, 20.5332, 12.4784



15.0016, 20.5332, 24.0536



16.9233, 20.5332, 36.4221

Sweetspot

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



24.8568, 20.5342, 20.7428



58.4467, 57.9268, 62.4740



25.8535, 20.6409, 39.1809



12.8772, 12.6533, 13.6217



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.8568, 20.5342, 20.7428



41.0413, 31.5927, 30.5397



26.0860, 24.0977, 17.7456



7.5922, 7.5668, 8.1699



12.4367, 6.3834, 1.8450



0.3198, 0.1622, 0.1356

Inverse Universe

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



24.8568, 20.5342, 20.7428



41.0413, 31.5927, 30.5397



24.2795, 28.0360, 40.6913



7.5922, 7.5668, 8.1699



12.4367, 6.3834, 1.8450



0.3198, 0.1622, 0.1356

Previews

White Background



This preview shows how the XYZ color 24.8562, 20.5332, 20.7424 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 24.8562, 20.5332, 20.7424 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 24.8562, 20.5332, 20.7424

Background



This preview shows how black text looks on a background with the XYZ color 24.8562, 20.5332, 20.7424.



This preview shows how white text looks on a background with the XYZ color 24.8562, 20.5332,

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

24.8562, 20.5332, 20.7424

Protanopia

19.9671, 20.7146, 24.0650

Deuteranopia

20.9824, 20.5821, 20.3196



Tritanopia

24.7823, 20.6754, 19.8241

Trichromacy



Original Color

24.8562, 20.5332, 20.7424

Protanomaly

21.4121, 20.3887, 22.8855

Deuteranomaly

22.3291, 20.5627, 20.5614

Tritanomaly

24.8421, 20.6993, 20.1388

Monochromacy



Original Color

24.8562, 20.5332, 20.7424

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6944, 20.9062, 22.2939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8562, 20.5332, 20.7424 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(167, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(167, 109, 121)  
}
```

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(167, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 109, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.8562, 20.5332, 20.7424 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(167, 109, 121) }
```


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

```
.border{ border-color:rgb(167, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(167, 109,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8562, 20.5332, 20.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 109, 121) }
```

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

```
.background{ background-color: rgb(167,  
109, 121) }
```

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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