

Converting Colors

XYZ(24.3517, 18.7157, 20.4955)

Have a look what the booklet for
XYZ(24.3517, 18.7157, 20.4955)
contains.

XYZ(24.2752, 18.7392, 20.4267)	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(24.2752, 18.7392,
20.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	A96379
RGB	169, 99, 121
RGB Percent	66%, 39%, 47%
CMY	0.3373, 0.6117, 0.5255
CMYK	0.00, 0.41, 0.28, 0.34
HSL	341°, 29%, 53%
HSV	341°, 41%, 66%
XYZ	24.2752, 18.7392, 20.4267
YIQ	122.4380, 34.6580, 21.6820

Conversions

Conversions Part 2

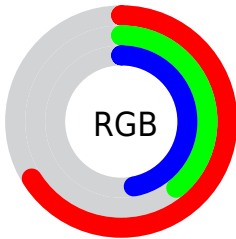
Format	Color
R_{YB}	169, 99, 121
Decimal	11101049
CIE _{Lab}	50.38, 31.11, -0.04
CIE _{LCh}	50, 31.109, 359.921
Yxy	18.7392, 0.3826, 0.2954
Android (android.graphics.Color)	4289291129 (0xFFA96379)
YUV	122.4380, -0.7089, 40.8349
Hunter-Lab	43.2888, 24.3426, 2.3250

Details

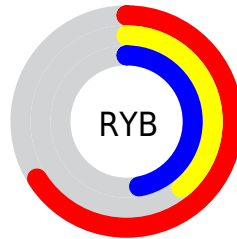
The XYZ color **24.2752, 18.7392, 20.4267** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6009, 33.1356, 32.7048**, and the grayscale version is **18.6368, 19.6073, 21.3524**.

A 20% lighter version of the original color is **49.9735, 41.3191, 44.8767**, and **9.4134, 6.4071, 7.0439** is the 20% darker color. If you saturate the color by 10%, you get **22.1699, 15.5984, 16.4267**, and if you desaturate by 10%, it is **26.8020, 22.5860, 24.9889**.

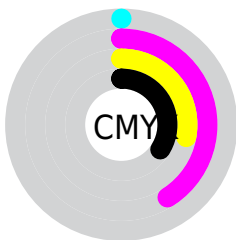
Distribution



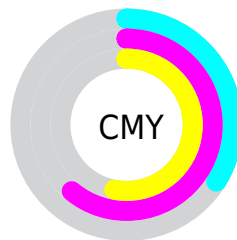
- Red (66%)
- Green (39%)
- Blue (47%)



- Red (66%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (34%)





- Cyan (34%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2752, 18.7392, 20.4267 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 24.2752, 18.7392, 20.4267 by changing the saturation by 10% instead.


 24.2752, 18.7392,
20.4267


 24.2752, 18.7392,
20.4267


266.6236,
245.0052, 266.8961


 15.6637, 11.4820,
12.5184


 49.9303, 41.2929,
44.9998


 9.3759, 6.3920,
6.9710


 67.7047, 57.3583,
62.5017

 5.0462, 3.0849,
3.3658

 89.2641, 77.1284,
84.0385

 2.3094, 1.1762,
1.2843

 114.9738,
100.9877, 110.0289

 0.7995, 0.0421,
0.0489

145.1993,
129.3207, 140.8912

 0.0000, 0.0000,
0.0000

180.3058,

162.5117, 177.0442

220.6588,
200.9450, 218.9063

■ 24.2752, 18.7392,
20.4267

■ 24.2752, 18.7392,
20.4267

■ 22.1699, 15.5984,
16.4267

■ 26.8020, 22.5860,
24.9889

■ 20.4605, 13.1177,
12.9648

■ 29.7708, 27.1758,
30.1337

■ 19.1208, 11.2496,
10.0170

■ 33.2026, 32.5461,
35.8818


■ 18.1207, 9.9394,
7.5563


■ 37.1168, 38.7312,
42.2523


■ 17.4248, 9.1223,
5.5530


■ 41.5313, 45.7632,
49.2639

 17.0073, 8.6931,
4.1627

 46.4633, 53.6726,
56.9339

 51.9292, 62.4883,
65.2794

 57.9445, 72.2379,
74.3166

 64.5243, 82.9478,
84.0614

Harmonies

Analogous

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



23.3261, 18.7392, 29.9304



24.2752, 18.7392, 20.4267



23.3357, 18.7392, 13.1789

Triad

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



24.2752, 18.7392, 20.4267



15.0675, 18.7392, 9.1137



15.0551, 18.7392, 38.4536

Complementary

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



24.2752, 18.7392, 20.4267



24.6009, 33.1356, 32.7048

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.



13.2354, 18.7392, 29.8792



24.2752, 18.7392, 20.4267



13.2419, 18.7392, 13.1493

Square

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



24.2752, 18.7392, 20.4267



17.8190, 18.7392, 7.8783



12.6102, 18.7392, 20.3809



17.8031, 18.7392, 41.9744

Rectangle

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



24.2752, 18.7392, 20.4267



21.8195, 18.7392, 10.1371



12.6102, 18.7392, 20.3809



14.3263, 18.7392, 35.9661

Sweetspot

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



24.2757, 18.7401, 20.4271



58.9427, 57.4685, 63.4009



23.6268, 17.9770, 39.7608



12.6743, 12.2545, 13.5326



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.



24.2757, 18.7401, 20.4271



39.8842, 28.2000, 29.7695



24.3908, 20.8884, 14.5519



7.6246, 7.5797, 8.3404



12.6973, 6.4876, 3.2174



0.3318, 0.1670, 0.1988

Inverse Universe

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



24.2757, 18.7401, 20.4271



39.8842, 28.2000, 29.7695



24.2242, 29.3507, 41.9247



7.6246, 7.5797, 8.3404



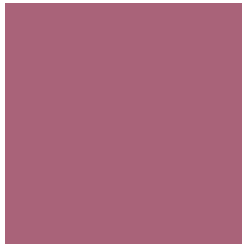
12.6973, 6.4876, 3.2174



0.3318, 0.1670, 0.1988

Previews

White Background



This preview shows how the XYZ color 24.2752, 18.7392, 20.4267 looks on a white background.

Color Contrast Check

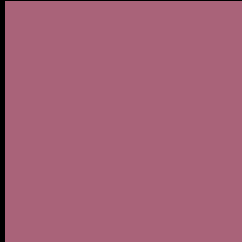
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2752, 18.7392, 20.4267 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 24.2752, 18.7392, 20.4267

Background



This preview shows how black text looks on a background with the XYZ color 24.2752, 18.7392, 20.4267.



This preview shows how white text looks on a background with the XYZ color 24.2752, 18.7392,

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

24.2752, 18.7392, 20.4267

Protanopia

18.5579, 19.0483, 24.8889

Deuteranopia

19.1883, 18.7853, 19.7541



Tritanopia

23.5624, 18.7363, 16.8426

Trichromacy



Original Color

24.2752, 18.7392, 20.4267

Protanomaly

20.0731, 18.4917, 23.2802

Deuteranomaly

20.7598, 18.5948, 19.9478

Tritanomaly

23.6863, 18.6314, 17.9706

Monochromacy



Original Color

24.2752, 18.7392, 20.4267

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.1776, 18.9287, 21.0025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2752, 18.7392, 20.4267 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(169, 99, 121)` looks like.

```
.text, #text, p{  
    color:rgb(169, 99, 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(169, 99, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 99, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.2752, 18.7392, 20.4267 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(169, 99, 121) }
```


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

```
.border{ border-color:rgb(169, 99, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 99, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 99, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 99, 121); box-shadow:4px 4px 4px 4px rgb(169, 99, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2752, 18.7392, 20.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 99, 121) }
```

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

```
.background{ background-color: rgb(169, 99,  
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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