

Converting Colors

XYZ(24.9290, 21.0416, 20.6289)

Have a look what the booklet for
XYZ(24.9290, 21.0416, 20.6289)
contains.

XYZ(24.9102, 21.0514, 20.5197)	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(24.9102, 21.0514,
20.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	A67078
RGB	166, 112, 120
RGB Percent	65%, 44%, 47%
CMY	0.3490, 0.5608, 0.5294
CMYK	0.00, 0.33, 0.28, 0.35
HSL	351°, 23%, 55%
HSV	351°, 33%, 65%
XYZ	24.9102, 21.0514, 20.5197
YIQ	129.0580, 29.6160, 13.9360

Conversions

Conversions Part 2

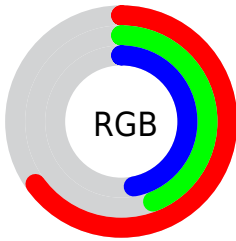
Format	Color
R_{YB}	166, 112, 120
Decimal	10907768
CIE _{Lab}	53.01, 22.54, 4.31
CIE _{LCh}	53, 22.945, 10.826
Yxy	21.0514, 0.3747, 0.3167
Android (android.graphics.Color)	4289097848 (0xFFA67078)
YUV	129.0580, -4.4656, 32.3981
Hunter-Lab	45.8818, 16.6183, 5.6010

Details

The XYZ color **24.9102, 21.0514, 20.5197** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4908, 33.1863, 37.3588**, and the grayscale version is **20.8949, 21.9831, 23.9396**.

A 20% lighter version of the original color is **50.8461, 45.0591, 45.0471**, and **9.7573, 7.5336, 7.0708** is the 20% darker color. If you saturate the color by 10%, you get **22.4488, 17.4021, 15.7730**, and if you desaturate by 10%, it is **27.8372, 25.4287, 26.0474**.

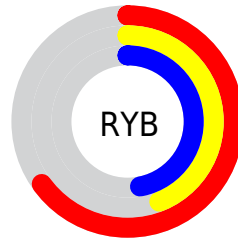
Distribution



Red (65%)

Green (44%)

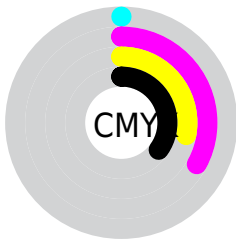
Blue (47%)



Red (65%)

Yellow (44%)

Blue (47%)

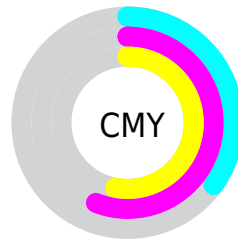


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9102, 21.0514, 20.5197 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 24.9102, 21.0514, 20.5197 by changing the saturation by 10% instead.


 24.9102, 21.0514,
20.5197


 24.9102, 21.0514,
20.5197


269.7463,
257.5515, 267.4115


 16.1385, 13.1616,
12.5856


 50.9554, 45.1731,
45.1572


 9.7137, 7.5399,
7.0164


 68.9597, 62.1737,
62.6976

 5.2704, 3.8020,
3.3938


 90.7723, 82.9800,
84.2771

 2.4431, 1.5634,
1.2990

 116.7585,
107.9765, 110.3144

 0.8667, 0.3327,
0.0610

147.2836,
137.5475, 141.2280

 0.0000, 0.0000,
0.0000

182.7130,

172.0774, 177.4363

223.4122,
211.9506, 219.3580

■ 24.9102, 21.0514,
20.5197

■ 24.9102, 21.0514,
20.5197

■ 22.4488, 17.4021,
15.7730

■ 27.8372, 25.4287,
26.0474

■ 20.4272, 14.4386,
11.7709

■ 31.2504, 30.5675,
32.3881

■ 18.8196, 12.1185,
8.4754


■ 35.1713, 36.5026,
39.5732


■ 17.5969, 10.3940,
5.8453


■ 39.6196, 43.2661,
47.6323


■ 16.7260, 9.2102,
3.8344


■ 44.6140, 50.8880,
56.5935


 16.1680, 8.5021,
2.3908

 50.1721, 59.3970,
66.4836

 15.8969, 8.1754,
1.6365

 56.3108, 68.8205,
77.3284

 63.0463, 79.1844,
89.1525

 68.3170, 86.3594,
101.2873

Harmonies

Analogous

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



24.7088, 21.0514, 27.5588



24.9102, 21.0514, 20.5197



23.7212, 21.0514, 15.2987

Triad

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



24.9102, 21.0514, 20.5197



17.1315, 21.0514, 14.2795



18.5261, 21.0514, 37.8675

Complementary

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



24.9102, 21.0514, 20.5197



26.4908, 33.1863, 37.3588

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.



16.7053, 21.0514, 32.7304



24.9102, 21.0514, 20.5197



15.9460, 21.0514, 18.8358

Square

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



24.9102, 21.0514, 20.5197



19.1515, 21.0514, 12.2074



15.7965, 21.0514, 25.5035



20.8911, 21.0514, 38.5701

Rectangle

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



24.9102, 21.0514, 20.5197



22.3519, 21.0514, 13.1825



15.7965, 21.0514, 25.5035



17.8353, 21.0514, 36.5599

Sweetspot

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



24.9108, 21.0524, 20.5201



58.2989, 57.8676, 61.6954



26.7586, 21.6015, 38.8356



12.8403, 12.6386, 13.4274



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.



24.9108, 21.0524, 20.5201



41.9123, 33.3112, 30.9022



26.7540, 25.4835, 18.8392



7.5747, 7.5597, 8.0776



12.3385, 6.3441, 1.3284



0.3132, 0.1596, 0.1010

Inverse Universe

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



24.9108, 21.0524, 20.5201



41.9123, 33.3112, 30.9022



24.0151, 27.0973, 40.0410



7.5747, 7.5597, 8.0776



12.3385, 6.3441, 1.3284



0.3132, 0.1596, 0.1010

Previews

White Background



This preview shows how the XYZ color 24.9102, 21.0514, 20.5197 looks on a white background.

Color Contrast Check

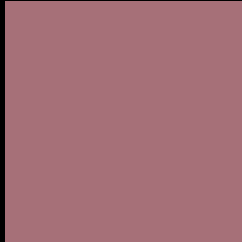
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9102, 21.0514, 20.5197 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 24.9102, 21.0514, 20.5197

Background



This preview shows how black text looks on a background with the XYZ color 24.9102, 21.0514, 20.5197.



This preview shows how white text looks on a background with the XYZ color 24.9102, 21.0514,

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

24.9102, 21.0514, 20.5197

Protanopia

20.4104, 21.1473, 23.4282

Deuteranopia

21.3849, 20.9779, 20.0616



Tritanopia

24.9102, 21.0514, 20.5197

Trichromacy



Original Color

24.9102, 21.0514, 20.5197

Protanomaly

21.6944, 20.9062, 22.2939

Deuteranomaly

22.5707, 20.8681, 20.2911

Tritanomaly

24.9102, 21.0514, 20.5197

Monochromacy



Original Color

24.9102, 21.0514, 20.5197

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0042, 21.4231, 22.7140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9102, 21.0514, 20.5197 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(166, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(166, 112, 120)  
}
```

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(166, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 112, 120) }
```

Border

The CSS property to change the border of an element to XYZ 24.9102, 21.0514, 20.5197 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(166, 112, 120) }
```


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

```
.border{ border-color:rgb(166, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(166, 112,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9102, 21.0514, 20.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 112, 120) }
```

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

```
.background{ background-color: rgb(166,  
112, 120) }
```

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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