

Converting Colors

XYZ(24.7448, 21.0191, 24.1208)

Have a look what the booklet for
XYZ(24.7448, 21.0191, 24.1208)
contains.

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Color

**XYZ(24.6998, 21.0260,
24.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	A17183
RGB	161, 113, 131
RGB Percent	63%, 44%, 51%
CMY	0.3686, 0.5568, 0.4863
CMYK	0.00, 0.30, 0.19, 0.37
HSL	338°, 20%, 54%
HSV	338°, 30%, 63%
XYZ	24.6998, 21.0260, 24.2293
YIQ	129.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

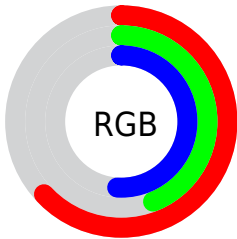
Format	Color
R_{YB}	161, 113, 131
Decimal	10580355
CIE Lab	52.98, 21.75, -2.27
CIE LCh	53, 21.871, 354.045
Yxy	21.0260, 0.3531, 0.3006
Android (android.graphics.Color)	4288770435 (0xFFA17183)
YUV	129.4040, 0.7868, 27.7097
Hunter-Lab	45.8541, 15.9062, 0.7691

Details

The XYZ color **24.6998, 21.0260, 24.2293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.5137, 30.9842, 30.6766**, and the grayscale version is **21.0002, 22.0938, 24.0602**.

A 20% lighter version of the original color is **50.7221, 45.1227, 51.3836**, and **9.5407, 7.4641, 8.9205** is the 20% darker color. If you saturate the color by 10%, you get **22.4112, 17.4877, 20.2633**, and if you desaturate by 10%, it is **27.3745, 25.2300, 28.6513**.

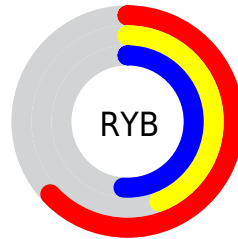
Distribution



Red (63%)

Green (44%)

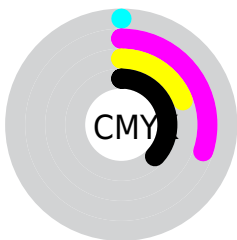
Blue (51%)



Red (63%)

Yellow (44%)

Blue (51%)

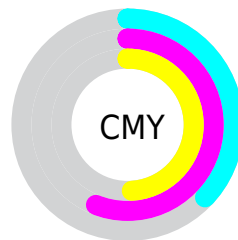


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6998, 21.0260, 24.2293 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 24.6998, 21.0260, 24.2293 by changing the saturation by 10% instead.

■ 24.6998, 21.0260,
24.2293

■ 24.6998, 21.0260,
24.2293

268.7149,
257.4166, 287.3015

■ 15.9811, 13.1430,
15.2900

■ 50.6162, 45.1308,
51.3526

■ 9.6015, 7.5271,
8.8743

■ 68.5446, 62.1214,
70.3738

■ 5.1958, 3.7939,
4.5636

■ 90.2736, 82.9167,
93.5927

■ 2.3985, 1.5589,
1.9393

■ 116.1685,
107.9010, 121.4278

■ 0.8444, 0.3297,
0.5176

146.5948,
137.4587, 154.2977

■ 0.0000, 0.0000,
0.0000

181.9177,

171.9743, 192.6209

222.5026,
211.8322, 236.8160

■ 24.6998, 21.0260,
24.2293

■ 24.6998, 21.0260,
24.2293

■ 22.4112, 17.4877,
20.2633

■ 27.3745, 25.2300,
28.6513

■ 20.4882, 14.5778,
16.7366

■ 30.4509, 30.1288,
33.5428

■ 18.9111, 12.2597,
13.6331

■ 33.9459, 35.7532,
38.9182

■ 17.6573, 10.4917,
10.9351

■ 37.8750, 42.1313,
44.7908

■ 16.7016, 9.2268,
8.6234

■ 42.2527, 49.2896,
51.1735

■ 16.0146, 8.4099,
6.6769

■ 47.0929, 57.2535,
58.0786

■ 15.5318, 7.9159,
5.0621

■ 52.4089, 66.0471,
65.5181

■ 15.5234, 7.9073,
5.0343

■ 58.2134, 75.6936,
73.5035

■ 63.5852, 84.3480,
81.7346

Harmonies

Analogous

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



23.7714, 21.0260, 31.1394



24.6998, 21.0260, 24.2293



24.2888, 21.0260, 18.1233

Triad

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



24.6998, 21.0260, 24.2293



18.2409, 21.0260, 13.1878



17.5053, 21.0260, 34.7155

Complementary

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



24.6998, 21.0260, 24.2293



24.5137, 30.9842, 30.6766

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.



16.2215, 21.0260, 28.4354



24.6998, 21.0260, 24.2293



16.6229, 21.0260, 16.2496

Square

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



24.6998, 21.0260, 24.2293



20.4456, 21.0260, 12.4890



15.9112, 21.0260, 21.6082



19.5305, 21.0260, 37.8941

Rectangle

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



24.6998, 21.0260, 24.2293



23.3252, 21.0260, 15.1875



15.9112, 21.0260, 21.6082



16.9792, 21.0260, 32.8454

Sweetspot

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



24.7004, 21.0270, 24.2297



54.9139, 54.5654, 60.6641



23.5975, 20.1885, 36.3715



11.8663, 11.6833, 13.0276



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.7004, 21.0270, 24.2297



41.3496, 33.1819, 38.4308



24.2286, 21.8689, 18.5681



7.1785, 7.1279, 7.9264



12.4165, 6.3227, 4.1179



0.2833, 0.1418, 0.2046

Inverse Universe

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



24.7004, 21.0270, 24.2297



41.3496, 33.1819, 38.4308



25.0318, 29.6606, 38.1242



7.1785, 7.1279, 7.9264



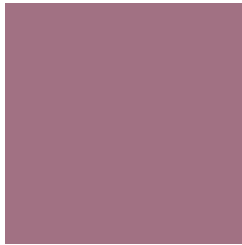
12.4165, 6.3227, 4.1179



0.2833, 0.1418, 0.2046

Previews

White Background



This preview shows how the XYZ color 24.6998, 21.0260, 24.2293 looks on a white background.

Color Contrast Check

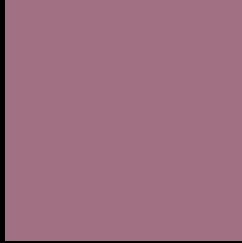
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6998, 21.0260, 24.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

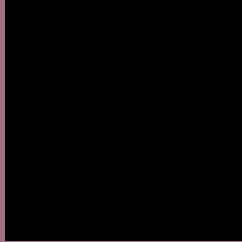
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6998, 21.0260, 24.2293

Background



This preview shows how black text looks on a background with the XYZ color 24.6998, 21.0260, 24.2293.



This preview shows how white text looks on a background with the XYZ color 24.6998, 21.0260,

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

24.6998, 21.0260, 24.2293

Protanopia

20.7252, 21.2214, 27.4299

Deuteranopia

21.5266, 21.1542, 23.7175



Tritanopia

24.0897, 20.9383, 21.5107

Trichromacy



Original Color

24.6998, 21.0260, 24.2293

Protanomaly

21.9288, 20.9413, 26.1789

Deuteranomaly

22.4802, 20.9163, 23.9715

Tritanomaly

24.2804, 21.0146, 22.5152

Monochromacy



Original Color

24.6998, 21.0260, 24.2293

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0967, 21.4403, 24.0929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6998, 21.0260, 24.2293 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(161, 113, 131)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 131)  
}
```

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(161, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.6998, 21.0260, 24.2293 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(161, 113, 131) }
```


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

```
.border{ border-color:rgb(161, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(161, 113,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6998, 21.0260, 24.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 113, 131) }
```

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

```
.background{ background-color: rgb(161,  
113, 131) }
```

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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