

Converting Colors

XYZ(24.1266, 20.4505, 24.2127)

Have a look what the booklet for
XYZ(24.1266, 20.4505, 24.2127)
contains.

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Color

**XYZ(24.0792, 20.3785,
24.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6F83
RGB	159, 111, 131
RGB Percent	62%, 44%, 51%
CMY	0.3765, 0.5647, 0.4863
CMYK	0.00, 0.30, 0.18, 0.38
HSL	335°, 20%, 53%
HSV	335°, 30%, 62%
XYZ	24.0792, 20.3785, 24.1371
YIQ	127.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

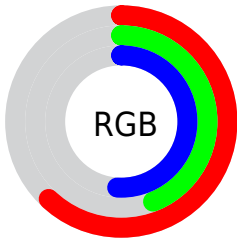
Format	Color
R _Y B	159, 111, 131
Decimal	10448771
CIE Lab	52.26, 22.14, -3.35
CIE LCh	52, 22.394, 351.400
Yxy	20.3785, 0.3510, 0.2971
Android (android.graphics.Color)	4288638851 (0xFF9F6F83)
YUV	127.6320, 1.6604, 27.5097
Hunter-Lab	45.1426, 16.2131, -0.1018

Details

The XYZ color **24.0792, 20.3785, 24.1371** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6147, 30.0403, 28.9811**, and the grayscale version is **20.3800, 21.4414, 23.3496**.

A 20% lighter version of the original color is **49.4805, 43.9512, 51.2229**, and **9.3090, 7.1802, 8.8779** is the 20% darker color. If you saturate the color by 10%, you get **21.8955, 16.9725, 20.4452**, and if you desaturate by 10%, it is **26.6291, 24.4265, 28.2292**.

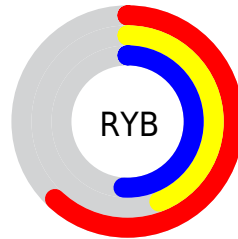
Distribution



Red (62%)

Green (44%)

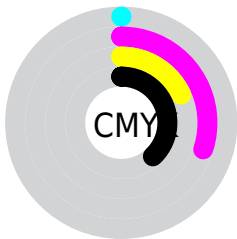
Blue (51%)



Red (62%)

Yellow (44%)

Blue (51%)

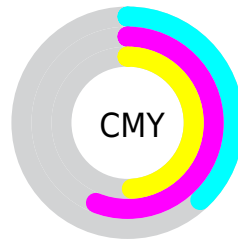


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (38%)



Cyan (38%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0792, 20.3785, 24.1371 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 24.0792, 20.3785, 24.1371 by changing the saturation by 10% instead.


 24.0792, 20.3785,
24.1371


 24.0792, 20.3785,
24.1371


265.6537,
253.9568, 286.8217


 15.5174, 12.6705,
15.2222


 49.6131, 44.0509,
51.2005


 9.2720, 7.2020,
8.8271


 67.3160, 60.7840,
70.1860

 4.9776, 3.5888,
4.5333

 88.7967, 81.2943,
93.3656

 2.2687, 1.4463,
1.9223

 114.4204,
105.9661, 121.1576

 0.7786, 0.2505,
0.5068

144.5527,
135.1839, 153.9807

 0.0000, 0.0000,
0.0000

179.5587,

169.3320, 192.2534

219.8039,
208.7949, 236.3942

■ 24.0792, 20.3785,
24.1371

■ 24.0792, 20.3785,
24.1371

■ 21.8955, 16.9725,
20.4452

■ 26.6291, 24.4265,
28.2292

■ 20.0586, 14.1723,
17.1392

■ 29.5602, 29.1447,
32.7329

■ 18.5494, 11.9425,
14.2053


■ 32.8885, 34.5628,
37.6603


■ 17.3467, 10.2428,
11.6286

■ 36.6286, 40.7080,
43.0230


■ 16.4261, 9.0274,
9.3928


■ 40.7946, 47.6061,
48.8319


 15.7595, 8.2427,
7.4795

 45.3995, 55.2815,
55.0974

 15.2887, 7.7672,
5.8856

 50.4560, 63.7576,
61.8297

 55.9764, 73.0567,
69.0386

 61.9721, 83.2004,
76.7337

Harmonies

Analogous

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



23.0350, 20.3785, 31.0657



24.0792, 20.3785, 24.1371



23.7854, 20.3785, 17.8808

Triad

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



24.0792, 20.3785, 24.1371



17.7999, 20.3785, 12.3620



16.7390, 20.3785, 33.6320

Complementary

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



24.0792, 20.3785, 24.1371



23.6147, 30.0403, 28.9811

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.



15.5365, 20.3785, 27.1383



24.0792, 20.3785, 24.1371



16.1144, 20.3785, 15.1878

Square

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



24.0792, 20.3785, 24.1371



20.0380, 20.3785, 11.8738



15.3172, 20.3785, 20.3481



18.7153, 20.3785, 37.2157

Rectangle

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



24.0792, 20.3785, 24.1371



22.8795, 20.3785, 14.8226



15.3172, 20.3785, 20.3481



16.2376, 20.3785, 31.6627

Sweetspot

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



24.0798, 20.3794, 24.1375



53.5117, 53.1224, 59.4822



22.5907, 19.3621, 35.3475



11.8888, 11.6923, 13.1462



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.



24.0798, 20.3794, 24.1375



40.5102, 32.4058, 38.8510



23.2987, 20.7811, 17.8233



6.7419, 6.6897, 7.4922



12.0954, 6.1427, 4.7535



0.2368, 0.1181, 0.1934

Inverse Universe

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



24.0798, 20.3794, 24.1375



40.5102, 32.4058, 38.8510



24.5355, 29.3258, 37.1682



6.7419, 6.6897, 7.4922



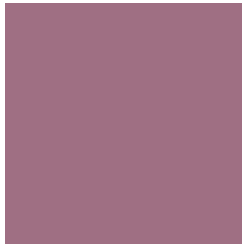
12.0954, 6.1427, 4.7535



0.2368, 0.1181, 0.1934

Previews

White Background



This preview shows how the XYZ color 24.0792, 20.3785, 24.1371 looks on a white background.

Color Contrast Check

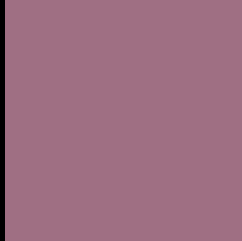
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0792, 20.3785, 24.1371 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 24.0792, 20.3785, 24.1371

Background



This preview shows how black text looks on a background with the XYZ color 24.0792, 20.3785, 24.1371.



This preview shows how white text looks on a background with the XYZ color 24.0792, 20.3785,

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

24.0792, 20.3785, 24.1371

Protanopia

20.0362, 20.4903, 27.3251

Deuteranopia

20.7915, 20.4106, 23.6127



Tritanopia

23.4569, 20.4598, 20.8020

Trichromacy



Original Color

24.0792, 20.3785, 24.1371

Protanomaly

21.1941, 20.2055, 26.0755

Deuteranomaly

21.8922, 20.2636, 23.8765

Tritanomaly

23.5964, 20.3381, 22.0840

Monochromacy



Original Color

24.0792, 20.3785, 24.1371

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5694, 20.9930, 23.6841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0792, 20.3785, 24.1371 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(159, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(159, 111, 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(159, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 111, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.0792, 20.3785, 24.1371 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(159, 111, 131) }
```


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

```
.border{ border-color:rgb(159, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(159, 111,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0792, 20.3785, 24.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 111, 131) }
```

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

```
.background{ background-color: rgb(159,  
111, 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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