

Converting Colors

XYZ(31.3950, 24.8793, 23.0926)

Have a look what the booklet for
XYZ(31.3950, 24.8793, 23.0926)
contains.

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Color

**XYZ(31.4474, 24.8701,
23.2216)**

Conversions

Conversions Part 1

Format	Color
Hex	BF737F
RGB	191, 115, 127
RGB Percent	75%, 45%, 50%
CMY	0.2510, 0.5490, 0.5020
CMYK	0.00, 0.40, 0.34, 0.25
HSL	351°, 37%, 60%
HSV	351°, 40%, 75%
XYZ	31.4474, 24.8701, 23.2216
YIQ	139.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

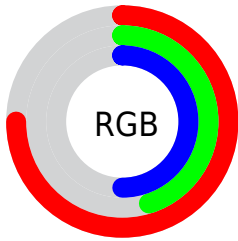
Format	Color
R_{YB}	191, 115, 127
Decimal	12546943
CIE _{Lab}	56.95, 31.39, 6.28
CIE _{LCh}	57, 32.010, 11.316
Yxy	24.8701, 0.3954, 0.3127
Android (android.graphics.Color)	4290737023 (0xFFBF737F)
YUV	139.0920, -5.9614, 45.5233
Hunter-Lab	49.8699, 25.2877, 7.3010

Details

The XYZ color **31.4474, 24.8701, 23.2216** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.8389, 44.1618, 49.3908**, and the grayscale version is **24.5877, 25.8681, 28.1704**.

A 20% lighter version of the original color is **61.3078, 51.4403, 49.8777**, and **13.2571, 9.4815, 8.3391** is the 20% darker color. If you saturate the color by 10%, you get **28.5248, 20.5706, 17.4817**, and if you desaturate by 10%, it is **34.9900, 30.1414, 29.9944**.

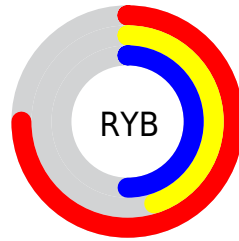
Distribution



Red (75%)

Green (45%)

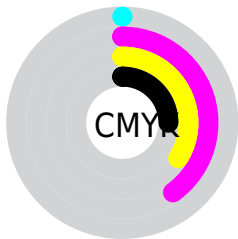
Blue (50%)



Red (75%)

Yellow (45%)

Blue (50%)

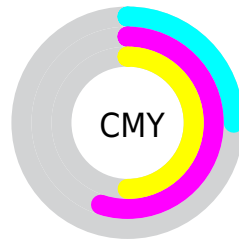


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4474, 24.8701, 23.2216 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 31.4474, 24.8701, 23.2216 by changing the saturation by 10% instead.


 31.4474, 24.8701,
23.2216


 31.4474, 24.8701,
23.2216


300.3844,
277.1904, 282.0199

 21.0933, 15.9803,
14.5504


 61.3148, 51.4464,
49.6847

 13.3050, 9.5102,
8.3613


 81.5588, 69.9017,
68.3137

 7.7174, 5.0754,
4.2360


 105.8302, 92.3143,
91.0991

 3.9649, 2.2916,
1.7557

134.4942,
119.0686, 118.4593

 1.6823, 0.7693,
0.3985

167.9163,
150.5489, 150.8130

 0.4452, 0.0000,
0.0000

206.4618,

 0.0000, 0.0000,

187.1398, 188.5786

0.0000

250.4961,
229.2255, 232.1747

■ 31.4474, 24.8701,
23.2216

■ 31.4474, 24.8701,
23.2216

■ 28.5248, 20.5706,
17.4817

■ 34.9900, 30.1414,
29.9944

■ 26.1841, 17.1800,
12.7222

■ 39.1836, 36.4352,
37.8462

■ 24.3862, 14.6337,
8.8879


■ 44.0596, 43.8029,
46.8220


■ 23.0863, 12.8567,
5.9178


■ 49.6468, 52.2916,
56.9639


■ 22.2320, 11.7613,
3.7430

■ 55.9721, 61.9453,
68.3116

 21.7310, 11.1815,
2.2743

 63.0614, 72.8058,
80.9033

 21.7222, 11.1709,
2.2496

 70.9389, 84.9130,
94.7751

 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



31.1578, 24.8701, 34.2574



31.4474, 24.8701, 23.2216



29.4857, 24.8701, 15.5942

Triad

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



31.4474, 24.8701, 23.2216



19.1852, 24.8701, 14.3296



21.4002, 24.8701, 51.7668

Complementary

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



31.4474, 24.8701, 23.2216



33.8389, 44.1618, 49.3908

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.



18.6200, 24.8701, 43.1516



31.4474, 24.8701, 23.2216



17.4378, 24.8701, 20.9813

Square

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



31.4474, 24.8701, 23.2216



22.2498, 24.8701, 11.4443



17.2425, 24.8701, 31.3422



25.0833, 24.8701, 52.8332

Rectangle

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



31.4474, 24.8701, 23.2216



27.2755, 24.8701, 12.6895



17.2425, 24.8701, 31.3422



20.3397, 24.8701, 49.5687

Sweetspot

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



31.4481, 24.8713, 23.2221



76.6990, 75.1015, 79.8094



33.9723, 25.5288, 52.4275



16.5820, 16.0977, 17.0474



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.4481, 24.8713, 23.2221



51.5769, 37.5570, 32.2843



34.0081, 31.1691, 20.4449



9.5899, 9.5603, 10.2296



14.2952, 7.3492, 1.5823



0.5796, 0.2957, 0.1652

Inverse Universe

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



31.4481, 24.8713, 23.2221



51.5769, 37.5570, 32.2843



30.0509, 34.5589, 54.3772



9.5899, 9.5603, 10.2296



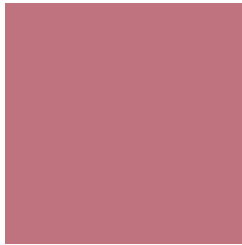
14.2952, 7.3492, 1.5823



0.5796, 0.2957, 0.1652

Previews

White Background



This preview shows how the XYZ color 31.4474, 24.8701, 23.2216 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 31.4474, 24.8701, 23.2216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

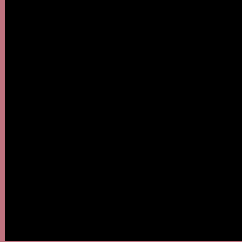
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4474, 24.8701, 23.2216

Background



This preview shows how black text looks on a background with the XYZ color 31.4474, 24.8701, 23.2216.



This preview shows how white text looks on a background with the XYZ color 31.4474, 24.8701,

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

31.4474, 24.8701, 23.2216

Protanopia

24.1118, 24.9614, 27.9733

Deuteranopia

25.4069, 24.9263, 22.5410



Tritanopia

31.2547, 24.7931, 22.2070

Trichromacy



Original Color

31.4474, 24.8701, 23.2216

Protanomaly

26.1929, 24.4567, 26.2618

Deuteranomaly

27.3110, 24.7272, 22.7354

Tritanomaly

31.3183, 24.8185, 22.5418

Monochromacy



Original Color

31.4474, 24.8701, 23.2216

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.4564, 24.9836, 26.3496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4474, 24.8701, 23.2216 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(191, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 127)  
}
```

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(191, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 127) }
```

Border

The CSS property to change the border of an element to XYZ 31.4474, 24.8701, 23.2216 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(191, 115, 127) }
```


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

```
.border{ border-color:rgb(191, 115, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4474, 24.8701, 23.2216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 127) }
```

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

```
.background{ background-color: rgb(191,  
115, 127) }
```

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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