

Converting Colors

XYZ(30.5696, 24.4560, 24.6278)

Have a look what the booklet for
XYZ(30.5696, 24.4560, 24.6278)
contains.

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Color

**XYZ(30.4772, 24.3393,
24.5644)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7383
RGB	186, 115, 131
RGB Percent	73%, 45%, 51%
CMY	0.2706, 0.5490, 0.4863
CMYK	0.00, 0.38, 0.30, 0.27
HSL	346°, 34%, 59%
HSV	346°, 38%, 73%
XYZ	30.4772, 24.3393, 24.5644
YIQ	138.0530, 37.1800, 20.0280

Conversions

Conversions Part 2

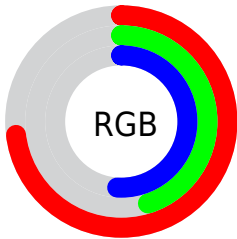
Format	Color
R_{YB}	186, 115, 131
Decimal	12219267
CIE _{Lab}	56.43, 30.05, 3.12
CIE _{LCh}	56, 30.209, 5.927
Yxy	24.3393, 0.3839, 0.3066
Android (android.graphics.Color)	4290409347 (0xFFBA7383)
YUV	138.0530, -3.4771, 42.0495
Hunter-Lab	49.3349, 23.9344, 5.0132

Details

The XYZ color **30.4772, 24.3393, 24.5644** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.8860, 41.6655, 44.3941**, and the grayscale version is **24.1813, 25.4406, 27.7048**.

A 20% lighter version of the original color is **59.9626, 50.6991, 51.9729**, and **12.7734, 9.2151, 9.0881** is the 20% darker color. If you saturate the color by 10%, you get **27.6566, 20.1537, 19.1364**, and if you desaturate by 10%, it is **33.8629, 29.4374, 30.8514**.

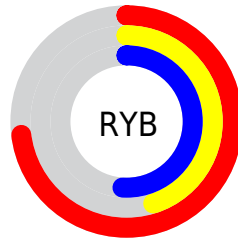
Distribution



Red (73%)

Green (45%)

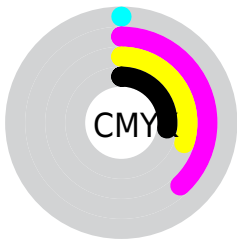
Blue (51%)



Red (73%)

Yellow (45%)

Blue (51%)

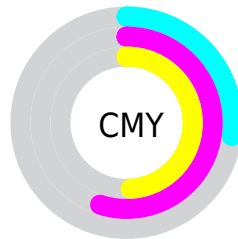


Cyan (0%)

Magenta (38%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4772, 24.3393, 24.5644 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 30.4772, 24.3393, 24.5644 by changing the saturation by 10% instead.


 30.4772, 24.3393,
24.5644


 30.4772, 24.3393,
24.5644


295.9926,
274.5314, 289.0395


 20.3509, 15.5855,
15.5368


 59.7975, 50.5833,
51.9050


 12.7601, 9.2313,
9.0462


 79.7222, 68.8423,
71.0550

 7.3394, 4.8924,
4.6741


 103.6439, 91.0386,
94.4163

 3.7235, 2.1843,
2.0020

 131.9277,
117.5564, 122.4073

 1.5469, 0.7114,
0.5565

164.9392,
148.7802, 155.4465

 0.3574, 0.0000,
0.0000

203.0435,

 0.0000, 0.0000,

185.0943, 193.9526

0.0000

246.6062,
226.8833, 238.3441

■ 30.4772, 24.3393,
24.5644

■ 30.4772, 24.3393,
24.5644

■ 27.6566, 20.1537,
19.1364

■ 33.8629, 29.4374,
30.8514

■ 25.3676, 16.8232,
14.5280

■ 37.8407, 35.4940,
38.0316

■ 23.5763, 14.2890,
10.6988


■ 42.4382, 42.5563,
46.1389


■ 22.2438, 12.4837,
7.6040


■ 47.6807, 50.6673,
55.2051

■ 21.3250, 11.3284,
5.1942


■ 53.5920, 59.8675,
65.2604


 20.7517, 10.6990,
3.4084

 60.1949, 70.1951,
76.3338

 20.6660, 10.6056,
3.1397

 67.5107, 81.6868,
88.4530

 72.6866, 88.6299,
100.6866

 74.0598, 89.1791,
107.9177

Harmonies

Analogous

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



29.8232, 24.3393, 35.1462



30.4772, 24.3393, 24.5644



29.0092, 24.3393, 16.7421

Triad

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



30.4772, 24.3393, 24.5644



19.4127, 24.3393, 13.7786



20.5011, 24.3393, 48.2264

Complementary

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



30.4772, 24.3393, 24.5644



31.8860, 41.6655, 44.3941

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.



18.1106, 24.3393, 39.4645



30.4772, 24.3393, 24.5644



17.5279, 24.3393, 19.4048

Square

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



30.4772, 24.3393, 24.5644



22.4472, 24.3393, 11.6048



17.0762, 24.3393, 28.5376



23.8342, 24.3393, 50.6045

Rectangle

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



30.4772, 24.3393, 24.5644



27.1039, 24.3393, 13.5490



17.0762, 24.3393, 28.5376



19.5716, 24.3393, 45.8387

Sweetspot

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



30.4779, 24.3405, 24.5649



74.2901, 73.0827, 79.0218



31.4499, 24.2910, 49.4856



16.1057, 15.7032, 16.9549



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.4779, 24.3405, 24.5649



50.7895, 37.5021, 35.9798



31.8610, 28.7099, 20.0835



9.0853, 9.0445, 9.7965



13.9274, 7.1447, 2.2388



0.5149, 0.2614, 0.2048

Inverse Universe

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



30.4779, 24.3405, 24.5649



50.7895, 37.5021, 35.9798



29.7651, 34.8528, 51.6130



9.0853, 9.0445, 9.7965



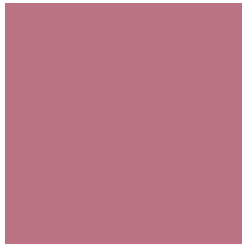
13.9274, 7.1447, 2.2388



0.5149, 0.2614, 0.2048

Previews

White Background



This preview shows how the XYZ color 30.4772, 24.3393, 24.5644 looks on a white background.

Color Contrast Check

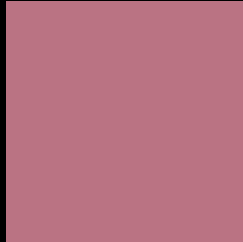
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4772, 24.3393, 24.5644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

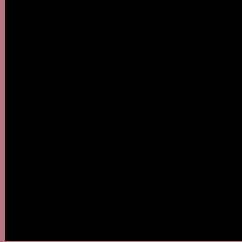
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4772, 24.3393, 24.5644

Background



This preview shows how black text looks on a background with the XYZ color 30.4772, 24.3393, 24.5644.



This preview shows how white text looks on a background with the XYZ color 30.4772, 24.3393,

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

30.4772, 24.3393, 24.5644

Protanopia

23.6998, 24.5152, 29.0740

Deuteranopia

24.9615, 24.4665, 23.8290



Tritanopia

29.9546, 24.2857, 22.5109

Trichromacy



Original Color

30.4772, 24.3393, 24.5644

Protanomaly

25.6330, 24.1433, 27.3539

Deuteranomaly

26.6059, 24.1447, 24.0270

Tritanomaly

30.0837, 24.3374, 23.1907

Monochromacy



Original Color

30.4772, 24.3393, 24.5644

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.8734, 24.6831, 26.3223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4772, 24.3393, 24.5644 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(186, 115, 131)` looks like.

```
.text, #text, p{  
    color:rgb(186, 115, 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(186, 115, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 115, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.4772, 24.3393, 24.5644 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(186, 115, 131) }
```


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

```
.border{ border-color:rgb(186, 115, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 115, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 115, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 115, 131);  
box-shadow:4px 4px 4px 4px rgb(186, 115,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4772, 24.3393, 24.5644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 115, 131) }
```

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

```
.background{ background-color: rgb(186,  
115, 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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