

Converting Colors

XYZ(29.9424, 24.1152, 23.2637)

Have a look what the booklet for
XYZ(29.9424, 24.1152, 23.2637)
contains.

XYZ(29.9691, 24.1081, 23.1525)	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(29.9691, 24.1081,
23.1525)**

Conversions

Conversions Part 1

Format	Color
Hex	B9737F
RGB	185, 115, 127
RGB Percent	73%, 45%, 50%
CMY	0.2745, 0.5490, 0.5020
CMYK	0.00, 0.38, 0.31, 0.27
HSL	350°, 33%, 59%
HSV	350°, 38%, 73%
XYZ	29.9691, 24.1081, 23.1525
YIQ	137.2980, 37.8680, 18.5720

Conversions

Conversions Part 2

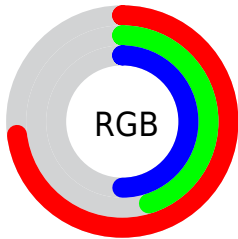
Format	Color
R_{YB}	185, 115, 127
Decimal	12153727
CIE _{Lab}	56.20, 29.13, 5.10
CIE _{LCh}	56, 29.570, 9.935
Yxy	24.1081, 0.3881, 0.3122
Android (android.graphics.Color)	4290343807 (0xFFB9737F)
YUV	137.2980, -5.0769, 41.8347
Hunter-Lab	49.1000, 23.0258, 6.4125

Details

The XYZ color **29.9691, 24.1081, 23.1525** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.9631, 41.3604, 45.8361**, and the grayscale version is **23.8998, 25.1445, 27.3823**.

A 20% lighter version of the original color is **59.2030, 50.3552, 49.7792**, and **12.4714, 9.0765, 8.3023** is the 20% darker color. If you saturate the color by 10%, you get **27.1431, 19.9351, 17.6508**, and if you desaturate by 10%, it is **33.3718, 29.1909, 29.5970**.

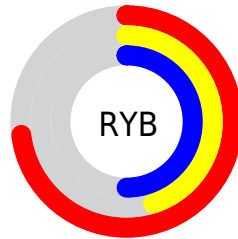
Distribution



Red (73%)

Green (45%)

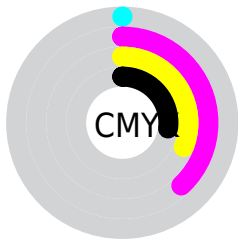
Blue (50%)



Red (73%)

Yellow (45%)

Blue (50%)

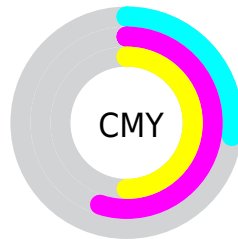


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9691, 24.1081, 23.1525 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 29.9691, 24.1081, 23.1525 by changing the saturation by 10% instead.

■ 29.9691, 24.1081,
23.1525

■ 29.9691, 24.1081,
23.1525

293.6728,
273.3665, 281.6546

■ 19.9631, 15.4138,
14.4998

■ 59.0003, 50.2065,
49.5700

■ 12.4763, 9.1103,
8.3264

■ 78.7561, 68.3795,
68.1718

■ 7.1434, 4.8132,
4.2137

■ 102.4927, 90.4808,
90.9271

■ 3.5991, 2.1381,
1.7433

■ 130.5752,
116.8949, 118.2545

■ 1.4779, 0.6859,
0.3902

163.3692,
148.0061, 150.5723

■ 0.3107, 0.0000,
0.0000

201.2398,

■ 0.0000, 0.0000,

184.1989, 188.2993

0.0000

244.5526,
225.8575, 231.8538

■ 29.9691, 24.1081,
23.1525

■ 29.9691, 24.1081,
23.1525

■ 27.1431, 19.9351,
17.6508

■ 33.3718, 29.1909,
29.5970

■ 24.8595, 16.6146,
13.0458

■ 37.3790, 35.2294,
37.0243

■ 23.0833, 14.0887,
9.2898


■ 42.0190, 42.2702,
45.4741

■ 21.7748, 12.2901,
6.3300


■ 47.3178, 50.3563,
54.9831


■ 20.8877, 11.1410,
4.1073


■ 53.3000, 59.5279,
65.5866


 20.3548, 10.5227,
2.5503

 59.9886, 69.8231,
77.3179

 20.2643, 10.4170,
2.2882

 67.4060, 81.2783,
90.2091

 72.9660, 88.7137,
103.4217

 73.8176, 89.0543,
107.9063

Harmonies

Analogous

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



29.6135, 24.1081, 33.2051



29.9691, 24.1081, 23.1525



28.2964, 24.1081, 15.9792

Triad

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



29.9691, 24.1081, 23.1525



18.9716, 24.1081, 14.3596



20.7453, 24.1081, 48.0340

Complementary

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



29.9691, 24.1081, 23.1525



31.9631, 41.3604, 45.8361

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.



18.2615, 24.1081, 40.1824



29.9691, 24.1081, 23.1525



17.3098, 24.1081, 20.3403

Square

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



29.9691, 24.1081, 23.1525



21.8054, 24.1081, 11.7983



17.0634, 24.1081, 29.6113



24.0596, 24.1081, 49.3244

Rectangle

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



29.9691, 24.1081, 23.1525



26.3447, 24.1081, 13.1598



17.0634, 24.1081, 29.6113



19.7949, 24.1081, 45.9967

Sweetspot

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



29.9698, 24.1093, 23.1530



72.3470, 71.2832, 76.1740



31.9384, 24.5551, 48.9553



15.3531, 14.9976, 15.9789



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.9698, 24.1093, 23.1530



49.5932, 37.1430, 33.5454



32.0723, 29.4920, 20.2233



9.0658, 9.0367, 9.6937



13.8173, 7.1007, 1.6586



0.5066, 0.2581, 0.1612

Inverse Universe

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



29.9698, 24.1093, 23.1530



49.5932, 37.1430, 33.5454



28.8958, 33.2838, 50.8004



9.0658, 9.0367, 9.6937



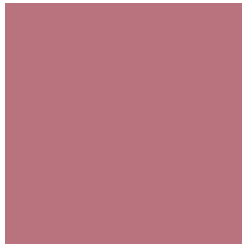
13.8173, 7.1007, 1.6586



0.5066, 0.2581, 0.1612

Previews

White Background



This preview shows how the XYZ color 29.9691, 24.1081, 23.1525 looks on a white background.

Color Contrast Check

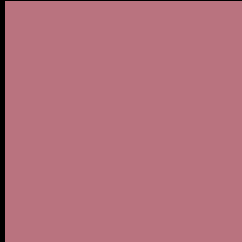
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9691, 24.1081, 23.1525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

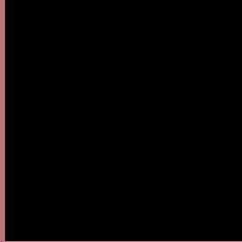
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9691, 24.1081, 23.1525

Background



This preview shows how black text looks on a background with the XYZ color 29.9691, 24.1081, 23.1525.



This preview shows how white text looks on a background with the XYZ color 29.9691, 24.1081,

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

29.9691, 24.1081, 23.1525

Protanopia

23.4291, 24.2035, 27.4817

Deuteranopia

24.5696, 24.0959, 22.4248



Tritanopia

29.7764, 24.0310, 22.1378

Trichromacy



Original Color

29.9691, 24.1081, 23.1525

Protanomaly

25.2189, 23.7700, 25.8131

Deuteranomaly

26.3451, 24.0404, 22.6538

Tritanomaly

29.8400, 24.0564, 22.4727

Monochromacy



Original Color

29.9691, 24.1081, 23.1525

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.4103, 24.2640, 25.5345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9691, 24.1081, 23.1525 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(185, 115, 127)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 115, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 115, 127) }
```

Border

The CSS property to change the border of an element to XYZ 29.9691, 24.1081, 23.1525 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(185, 115, 127) }
```


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

```
.border{ border-color:rgb(185, 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(185, 115, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 115, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 115, 127);  
box-shadow:4px 4px 4px 4px rgb(185, 115,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9691, 24.1081, 23.1525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 115, 127) }
```

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

```
.background{ background-color: rgb(185,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor