

Converting Colors

XYZ(28.9649, 29.5330, 23.0157)

Have a look what the booklet for
XYZ(28.9649, 29.5330, 23.0157)
contains.

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Color

**XYZ(29.0104, 29.5734,
22.9181)**

Conversions

Conversions Part 1

Format	Color
Hex	A4917B
RGB	164, 145, 123
RGB Percent	64%, 57%, 48%
CMY	0.3569, 0.4314, 0.5176
CMYK	0.00, 0.12, 0.25, 0.36
HSL	32°, 18%, 56%
HSV	32°, 25%, 64%
XYZ	29.0104, 29.5734, 22.9181
YIQ	148.1730, 18.3860, -2.8140

Conversions

Conversions Part 2

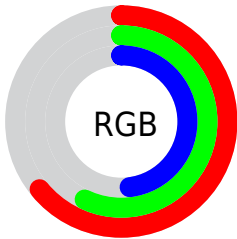
Format	Color
R _Y B	158, 164, 123
Decimal	10785147
CIE Lab	61.28, 3.52, 14.28
CIE LCh	61, 14.708, 76.133
Yxy	29.5734, 0.3559, 0.3629
Android (android.graphics.Color)	4288975227 (0xFFA4917B)
YUV	148.1730, -12.4103, 13.8803
Hunter-Lab	54.3814, 0.0554, 13.0803

Details

The XYZ color **29.0104, 29.5734, 22.9181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5420, 26.2365, 38.8927**, and the grayscale version is **28.2660, 29.7380, 32.3847**.

A 20% lighter version of the original color is **57.4733, 59.0415, 49.4413**, and **12.0103, 12.1236, 8.1856** is the 20% darker color. If you saturate the color by 10%, you get **26.9462, 26.9526, 17.5823**, and if you desaturate by 10%, it is **31.3258, 32.4210, 29.1869**.

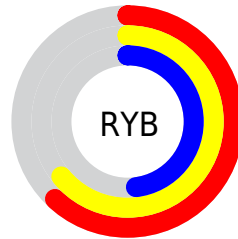
Distribution



Red (64%)

Green (57%)

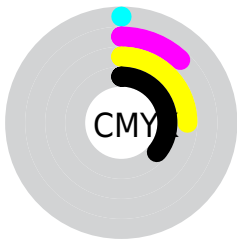
Blue (48%)



Red (62%)

Yellow (64%)

Blue (48%)

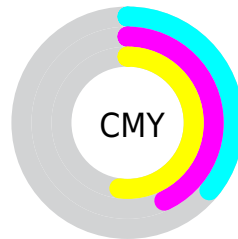


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (36%)



Cyan (36%)

Magenta (43%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0104, 29.5734, 22.9181 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 29.0104, 29.5734, 22.9181 by changing the saturation by 10% instead.

■ 29.0104, 29.5734,
22.9181

■ 29.0104, 29.5734,
22.9181

289.2573,
299.9109, 280.4123

■ 19.2330, 19.5150,
14.3283

■ 57.4911, 58.9869,
49.1803

■ 11.9438, 12.0430,
8.2080

■ 76.9250, 79.1108,
67.6898

■ 6.7773, 6.7730,
4.1387

■ 100.3086,
103.3586, 90.3429

■ 3.3683, 3.3205,
1.7017

128.0070,
132.1148, 117.5583

■ 1.3514, 1.3013,
0.3619

160.3858,
165.7637, 149.7543

■ 0.2212, 0.1422,
0.0000

197.8102,

■ 0.0000, 0.0000,

204.6898, 187.3497

0.0000

240.6456,
249.2774, 230.7628

■ 29.0104, 29.5734,
22.9181

■ 29.0104, 29.5734,
22.9181

■ 26.9462, 26.9526,
17.5823

■ 31.3258, 32.4210,
29.1869

■ 25.1209, 24.5482,
13.1321

■ 33.8996, 35.4976,
36.4293

■ 23.5244, 22.3546,
9.5185

■ 36.7414, 38.8103,
44.6858

■ 22.1448, 20.3647,
6.6872

■ 39.8596, 42.3647,
53.9939

■ 20.9690, 18.5704,
4.5772

■ 43.2624, 46.1662,
64.3892

■ 19.9821, 16.9631,
3.1183

■ 46.9574, 50.2199,
75.9058

■ 19.1659, 15.5327,
2.2235

■ 50.9519, 54.5310,
88.5761

■ 18.8008, 14.8744,
1.8801

■ 55.2530, 59.1042,
102.4312

■ 57.2527, 62.8982,
103.7308

Harmonies

Analogous

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



30.7684, 29.5734, 25.1085



29.0104, 29.5734, 22.9181



27.0867, 29.5734, 23.0052

Triad

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



29.0104, 29.5734, 22.9181



24.6817, 29.5734, 35.2551



30.8792, 29.5734, 40.1691

Complementary

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



29.0104, 29.5734, 22.9181



24.5420, 26.2365, 38.8927

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.



29.1559, 29.5734, 43.5677



29.0104, 29.5734, 22.9181



25.6067, 29.5734, 40.5158

Square

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



29.0104, 29.5734, 22.9181



24.6467, 29.5734, 29.7119



27.2257, 29.5734, 43.7014



31.8804, 29.5734, 34.8241

Rectangle

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



29.0104, 29.5734, 22.9181



25.9699, 29.5734, 24.3336



27.2257, 29.5734, 43.7014



30.3617, 29.5734, 41.6027

Sweetspot

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



29.0112, 29.5747, 22.9187



60.4969, 63.2076, 63.1701



27.2856, 24.0158, 28.8414



13.1685, 13.7503, 13.6474



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.0112, 29.5747, 22.9187



50.5194, 50.9848, 36.0072



31.8801, 35.7290, 23.9554



7.3738, 7.6860, 7.4750



14.4636, 11.5011, 1.4576



0.3506, 0.3351, 0.0462

Inverse Universe

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



24.5420, 26.2365, 38.8927



40.9933, 43.8705, 70.0596



22.1494, 21.1591, 38.0388



6.9583, 7.3755, 8.9600



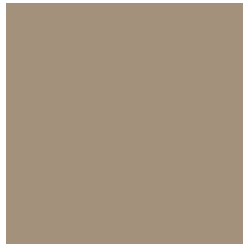
7.1656, 6.1105, 27.7316



0.1977, 0.2227, 0.5984

Previews

White Background



This preview shows how the XYZ color 29.0104, 29.5734, 22.9181 looks on a white background.

Color Contrast Check

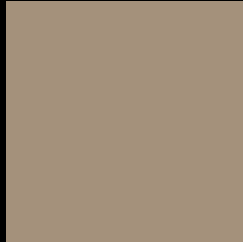
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0104, 29.5734, 22.9181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

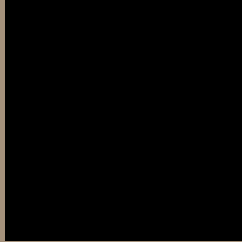
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0104, 29.5734, 22.9181

Background



This preview shows how black text looks on a background with the XYZ color 29.0104, 29.5734, 22.9181.



This preview shows how white text looks on a background with the XYZ color 29.0104, 29.5734,

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

29.0104, 29.5734, 22.9181

Protanopia

27.9383, 29.7030, 23.3295

Deuteranopia

30.1057, 29.4592, 23.1682



Tritanopia

31.1287, 29.5322, 33.7654

Trichromacy



Original Color

29.0104, 29.5734, 22.9181

Protanomaly

28.3699, 29.6936, 23.3050

Deuteranomaly

29.6090, 29.4250, 23.1878

Tritanomaly

30.2066, 29.3761, 29.2774

Monochromacy



Original Color

29.0104, 29.5734, 22.9181

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4203, 29.6015, 28.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0104, 29.5734, 22.9181 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(164, 145, 123)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 123)  
}
```

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(164, 145, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 123) }
```

Border

The CSS property to change the border of an element to XYZ 29.0104, 29.5734, 22.9181 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(164, 145, 123) }
```


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

```
.border{ border-color:rgb(164, 145, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 123);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0104, 29.5734, 22.9181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 123) }
```

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

```
.background{ background-color: rgb(164,  
145, 123) }
```

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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