

Converting Colors

XYZ(29.9032, 28.2216, 24.7162)

Have a look what the booklet for
XYZ(29.9032, 28.2216, 24.7162)
contains.

XYZ(29.9214, 28.2470, 24.6441)	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(29.9214, 28.2470,
24.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8981
RGB	172, 137, 129
RGB Percent	67%, 54%, 51%
CMY	0.3255, 0.4627, 0.4941
CMYK	0.00, 0.20, 0.25, 0.33
HSL	11°, 21%, 59%
HSV	11°, 25%, 67%
XYZ	29.9214, 28.2470, 24.6441
YIQ	146.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

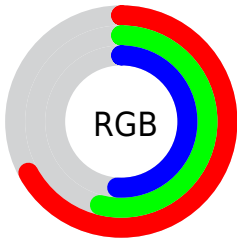
Format	Color
R_{YB}	172, 139, 129
Decimal	11307393
CIE _{Lab}	60.11, 12.07, 9.34
CIE _{LCh}	60, 15.262, 37.741
Yxy	28.2470, 0.3613, 0.3411
Android (android.graphics.Color)	4289497473 (0xFFAC8981)
YUV	146.5530, -8.6536, 22.3170
Hunter-Lab	53.1479, 7.4837, 9.7114

Details

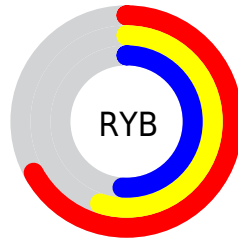
The XYZ color **29.9214, 28.2470, 24.6441** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7748, 34.1956, 44.0610**, and the grayscale version is **27.5772, 29.0133, 31.5955**.

A 20% lighter version of the original color is **58.8519, 56.6983, 52.0980**, and **12.4639, 11.3175, 9.1170** is the 20% darker color. If you saturate the color by 10%, you get **27.0106, 24.1035, 18.5001**, and if you desaturate by 10%, it is **33.2844, 32.9865, 31.8890**.

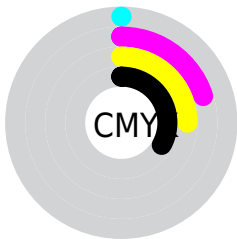
Distribution



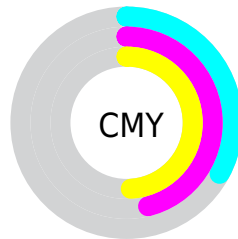
- Red (67%)
- Green (54%)
- Blue (51%)



- Red (67%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (33%)



- Cyan (33%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9214, 28.2470, 24.6441 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 29.9214, 28.2470, 24.6441 by changing the saturation by 10% instead.

■ 29.9214, 28.2470,
24.6441

■ 29.9214, 28.2470,
24.6441

293.4543,
293.6453, 289.4516

■ 19.9267, 18.5119,
15.5955

■ 58.9253, 56.8785,
52.0362

■ 12.4497, 11.3182,
9.0871

■ 78.6653, 76.5438,
71.2168

■ 7.1251, 6.2813,
4.7005

■ 102.3844,
100.2880, 94.6117

■ 3.5875, 3.0168,
2.0170

130.4480,
128.4953, 122.6397

■ 1.4715, 1.1405,
0.5657

163.2214,
161.5504, 155.7191

■ 0.3063, 0.0123,
0.0000

201.0700,

■ 0.0000, 0.0000,

199.8374, 194.2685

0.0000

244.3592,
243.7410, 238.7065

■ 29.9214, 28.2470,
24.6441

■ 29.9214, 28.2470,
24.6441

■ 27.0106, 24.1035,
18.5001

■ 33.2844, 32.9865,
31.8890

■ 24.5302, 20.5285,
13.4012

■ 37.1157, 38.3404,
40.2833

■ 22.4601, 17.4982,
9.2894

■ 41.4331, 44.3309,
49.8748

■ 20.7774, 14.9854,
6.1003

■ 46.2532, 50.9783,
60.7080

■ 19.4572, 12.9608,
3.7618

■ 51.5915, 58.3016,
72.8251

■ 18.4713, 11.3917,
2.1909

■ 57.4629, 66.3193,
86.2663

■ 17.7864, 10.2415,
1.2863

■ 63.8818, 75.0491,
101.0701

■ 17.5302, 9.8045,
0.9685

■ 68.9370, 83.7381,
107.1374

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



30.7346, 28.2470, 29.3332



29.9214, 28.2470, 24.6441



28.2924, 28.2470, 21.8552

Triad

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



29.9214, 28.2470, 24.6441



23.5272, 28.2470, 26.8677



27.3558, 28.2470, 42.6623

Complementary

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



29.9214, 28.2470, 24.6441



29.7748, 34.1956, 44.0610

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.



25.4534, 28.2470, 41.7952



29.9214, 28.2470, 24.6441



23.3035, 28.2470, 32.2244

Square

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



29.9214, 28.2470, 24.6441



24.6191, 28.2470, 23.0266



23.9925, 28.2470, 37.8035



29.2074, 28.2470, 40.0468

Rectangle

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



29.9214, 28.2470, 24.6441



26.9959, 28.2470, 21.2311



23.9925, 28.2470, 37.8035



26.7005, 28.2470, 42.7736

Sweetspot

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



29.9222, 28.2483, 24.6447



65.7826, 67.3945, 69.6632



31.5752, 27.1561, 38.7549



14.2079, 14.5234, 14.9454



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.9222, 28.2483, 24.6447



51.2590, 46.9518, 38.2951



33.2683, 34.9406, 25.7601



8.1214, 8.2476, 8.3773



13.0760, 7.3574, 0.7309



0.3986, 0.2743, 0.0319

Inverse Universe

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



29.7748, 34.1956, 44.0610



50.9401, 59.6017, 79.6252



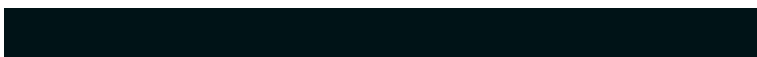
26.2650, 27.1761, 42.8911



8.1077, 8.8148, 10.2268



12.5559, 16.2457, 31.5185



0.3816, 0.5166, 0.8876

Previews

White Background



This preview shows how the XYZ color 29.9214, 28.2470, 24.6441 looks on a white background.

Color Contrast Check

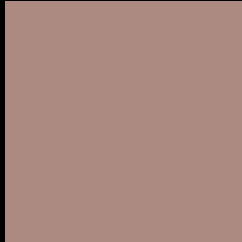
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9214, 28.2470, 24.6441 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 29.9214, 28.2470, 24.6441

Background



This preview shows how black text looks on a background with the XYZ color 29.9214, 28.2470, 24.6441.



This preview shows how white text looks on a background with the XYZ color 29.9214, 28.2470,

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

29.9214, 28.2470, 24.6441

Protanopia

27.1215, 28.5236, 26.2664

Deuteranopia

28.7914, 28.3140, 24.3698



Tritanopia

31.2304, 28.3710, 30.6182

Trichromacy



Original Color

29.9214, 28.2470, 24.6441

Protanomaly

28.1359, 28.3829, 25.8253

Deuteranomaly

29.2773, 28.3486, 24.3508

Tritanomaly

30.6979, 28.3566, 28.2815

Monochromacy



Original Color

29.9214, 28.2470, 24.6441

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2664, 28.6063, 28.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9214, 28.2470, 24.6441 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(172, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 129)  
}
```

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(172, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.9214, 28.2470, 24.6441 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(172, 137, 129) }
```


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

```
.border{ border-color:rgb(172, 137, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 137, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9214, 28.2470, 24.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 129) }
```

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

```
.background{ background-color: rgb(172,  
137, 129) }
```

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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