

Converting Colors

XYZ(29.4215, 28.5421, 28.7694)

Have a look what the booklet for
XYZ(29.4215, 28.5421, 28.7694)
contains.

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Color

**XYZ(29.4215, 28.5421,
28.7694)**

Conversions

Conversions Part 1

Format	Color
Hex	A48C8C
RGB	164, 140, 140
RGB Percent	64%, 55%, 55%
CMY	0.3569, 0.4510, 0.4510
CMYK	0.00, 0.15, 0.15, 0.36
HSL	0°, 12%, 60%
HSV	0°, 15%, 64%
XYZ	29.4215, 28.5421, 28.7694
YIQ	147.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

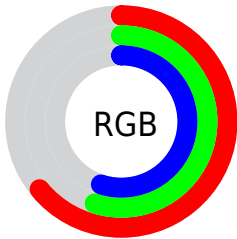
Format	Color
R_{YB}	164, 140, 140
Decimal	10783884
CIE _{Lab}	60.38, 9.03, 3.34
CIE _{LCh}	60, 9.625, 20.330
Yxy	28.5421, 0.3392, 0.3291
Android (android.graphics.Color)	4288973964 (0xFFA48C8C)
YUV	147.1760, -3.5378, 14.7546
Hunter-Lab	53.4248, 4.8081, 5.4695

Details

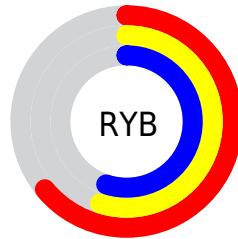
The XYZ color **29.4215, 28.5421, 28.7694** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.7912, 34.8058, 40.2175**, and the grayscale version is **27.8166, 29.2652, 31.8699**.

A 20% lighter version of the original color is **58.1308, 57.4939, 58.4857**, and **12.1837, 11.4953, 11.2495** is the 20% darker color. If you saturate the color by 10%, you get **26.0812, 23.6545, 22.1279**, and if you desaturate by 10%, it is **33.3007, 34.2185, 36.4805**.

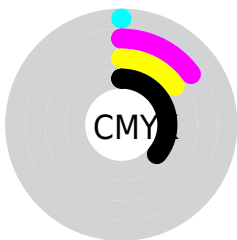
Distribution



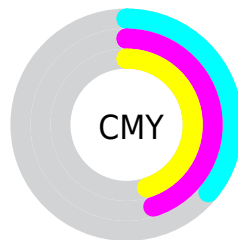
- Red (64%)
- Green (55%)
- Blue (55%)



- Red (64%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4215, 28.5421, 28.7694 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 29.4215, 28.5421, 28.7694 by changing the saturation by 10% instead.

■ 29.4215, 28.5421,
28.7694

■ 29.4215, 28.5421,
28.7694

291.1570,
295.0483, 310.1522

■ 19.5458, 18.7347,
18.6624

■ 58.1390, 57.3488,
58.7483

■ 12.1717, 11.4787,
11.2522

■ 77.7116, 77.1168,
79.4573

■ 6.9337, 6.3898,
6.1205

■ 101.2471,
100.9739, 104.5373

■ 3.4666, 3.0835,
2.8485

129.1110,
129.3044, 134.4069

■ 1.4051, 1.1755,
1.0178

161.6685,
162.4927, 169.4847

■ 0.2598, 0.0416,
0.0000

199.2852,

■ 0.0000, 0.0000,

200.9232, 210.1891

0.0000

242.3262,
244.9802, 256.9388

■ 29.4215, 28.5421,
28.7694

■ 29.4215, 28.5421,
28.7694

■ 26.0812, 23.6545,
22.1279

■ 33.3007, 34.2185,
36.4805

■ 23.2538, 19.5172,
16.5070

■ 37.7387, 40.7124,
45.3035

■ 20.9146, 16.0942,
11.8567

■ 42.7573, 48.0558,
55.2808

■ 19.0359, 13.3452,
8.1222

■ 48.3762, 56.2776,
66.4517

■ 17.5874, 11.2256,
5.2429

■ 54.6145, 65.4057,
78.8541

■ 16.5352, 9.6857,
3.1512

■ 61.4902, 75.4666,
92.5239

■ 15.8399, 8.6683,
1.7694

■ 69.0208, 86.4855,
107.4956

■ 15.4539, 8.1033,
1.0023

■ 69.1199, 86.6326,
107.6865

■ 15.3102, 7.8930,
0.7166

Harmonies

Analogous

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



29.5425, 28.5421, 32.2363



29.4215, 28.5421, 28.7694



28.6760, 28.5421, 26.1214

Triad

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



29.4215, 28.5421, 28.7694



25.3377, 28.5421, 26.9269



26.7307, 28.5421, 38.2913

Complementary

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



29.4215, 28.5421, 28.7694



30.7912, 34.8058, 40.2175

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.



25.6375, 28.5421, 36.6239



29.4215, 28.5421, 28.7694



24.8496, 28.5421, 29.9468

Square

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



29.4215, 28.5421, 28.7694



26.3100, 28.5421, 25.1151



24.9577, 28.5421, 33.5058



27.9636, 28.5421, 37.9160

Rectangle

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



29.4215, 28.5421, 28.7694



27.9373, 28.5421, 25.0918



24.9577, 28.5421, 33.5058



26.3353, 28.5421, 37.9466

Sweetspot

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



29.4223, 28.5434, 28.7700



60.8690, 62.7308, 67.0585



31.3890, 29.3293, 39.1289



13.1875, 13.5391, 14.4224



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.



29.4223, 28.5434, 28.7700



51.0478, 48.3600, 47.5337



31.2720, 32.2427, 29.3866



7.0739, 7.0861, 7.3750



11.7390, 6.0520, 0.5494



0.2467, 0.1272, 0.0116

Inverse Universe

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



30.7912, 34.8058, 40.2175



54.0832, 62.2458, 72.9165



28.7446, 30.7126, 39.5353



7.2761, 8.0111, 9.0659



15.3140, 22.4073, 30.4477



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 29.4215, 28.5421, 28.7694 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 29.4215, 28.5421, 28.7694 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

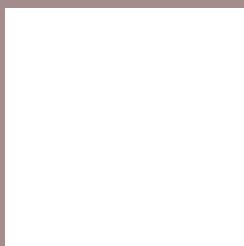
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4215, 28.5421, 28.7694

Background



This preview shows how black text looks on a background with the XYZ color 29.4215, 28.5421, 28.7694.



This preview shows how white text looks on a background with the XYZ color 29.4215, 28.5421,

28.7694.

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

29.4215, 28.5421, 28.7694

Protanopia

27.4778, 28.6235, 30.0633

Deuteranopia

29.1588, 28.6246, 28.7992



Tritanopia

30.1745, 28.6345, 32.3704

Trichromacy



Original Color

29.4215, 28.5421, 28.7694

Protanomaly

28.0314, 28.4679, 29.6086

Deuteranomaly

29.3628, 28.7297, 28.8088

Tritanomaly

29.9380, 28.5399, 31.1250

Monochromacy



Original Color

29.4215, 28.5421, 28.7694

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1442, 28.7324, 30.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4215, 28.5421, 28.7694 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, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 140)  
}
```

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, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.4215, 28.5421, 28.7694 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, 140, 140) }
```


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

```
.border{ border-color:rgb(164, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4215, 28.5421, 28.7694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 140) }
```

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

```
.background{ background-color: rgb(164,  
140, 140) }
```

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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