

Converting Colors

XYZ(29.0120, 28.3310, 28.7503)

Have a look what the booklet for
XYZ(29.0120, 28.3310, 28.7503)
contains.

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Color

**XYZ(29.0120, 28.3310,
28.7503)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C8C
RGB	162, 140, 140
RGB Percent	64%, 55%, 55%
CMY	0.3647, 0.4510, 0.4510
CMYK	0.00, 0.14, 0.14, 0.36
HSL	0°, 11%, 59%
HSV	0°, 14%, 64%
XYZ	29.0120, 28.3310, 28.7503
YIQ	146.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

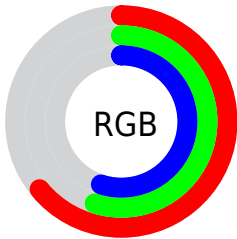
Format	Color
R_{YB}	162, 140, 140
Decimal	10652812
CIE _{Lab}	60.19, 8.26, 3.05
CIE _{LCh}	60, 8.807, 20.242
Yxy	28.3310, 0.3370, 0.3291
Android (android.graphics.Color)	4288842892 (0xFFA28C8C)
YUV	146.5780, -3.2430, 13.5251
Hunter-Lab	53.2269, 4.1467, 5.2335

Details

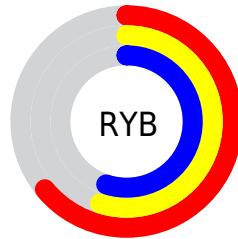
The XYZ color **29.0120, 28.3310, 28.7503** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.2570, 34.0240, 39.1553**, and the grayscale version is **27.5688, 29.0046, 31.5860**.

A 20% lighter version of the original color is **57.5327, 57.1855, 58.4577**, and **11.9320, 11.3655, 11.2377** is the 20% darker color. If you saturate the color by 10%, you get **25.7093, 23.4984, 22.1835**, and if you desaturate by 10%, it is **32.8406, 33.9333, 36.3608**.

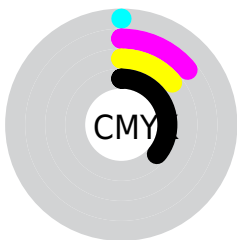
Distribution



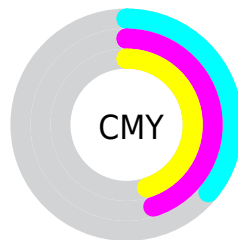
- Red (64%)
- Green (55%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0120, 28.3310, 28.7503 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 29.0120, 28.3310, 28.7503 by changing the saturation by 10% instead.

■ 29.0120, 28.3310,
28.7503

■ 29.0120, 28.3310,
28.7503

289.2648,
294.0452, 310.0590

■ 19.2342, 18.5753,
18.6481

■ 57.4936, 57.0125,
58.7176

■ 11.9447, 11.3638,
11.2420

■ 76.9281, 76.7070,
79.4197

■ 6.7779, 6.3121,
6.1136

■ 100.3122,
100.4834, 104.4921

■ 3.3687, 3.0358,
2.8444

128.0114,
128.7259, 134.3535

■ 1.3516, 1.1504,
1.0157

160.3908,
161.8189, 169.4224

■ 0.2213, 0.0207,
0.0000

197.8160,

■ 0.0000, 0.0000,

200.1469, 210.1172

0.0000

240.6522,
244.0942, 256.8565

■ 29.0120, 28.3310,
28.7503

■ 29.0120, 28.3310,
28.7503

■ 25.7093, 23.4984,
22.1835

■ 32.8406, 33.9333,
36.3608

■ 22.9073, 19.3983,
16.6132

■ 37.2141, 40.3329,
45.0557

■ 20.5823, 15.9962,
11.9912

■ 42.1537, 47.5606,
54.8759

■ 18.7078, 13.2532,
8.2648

■ 47.6784, 55.6446,
65.8595

■ 17.2546, 11.1266,
5.3760

■ 53.8065, 64.6115,
78.0429

■ 16.1900, 9.5688,
3.2600

■ 60.5556, 74.4870,
91.4610

■ 15.4769, 8.5252,
1.8427

■ 67.9424, 85.2956,
106.1470

■ 15.0705, 7.9305,
1.0351

■ 68.7104, 86.4214,
107.6673

■ 14.9006, 7.6819,
0.6974

Harmonies

Analogous

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



29.1198, 28.3310, 31.9112



29.0120, 28.3310, 28.7503



28.3372, 28.3310, 26.3194

Triad

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



29.0120, 28.3310, 28.7503



25.2964, 28.3310, 27.0473



26.5623, 28.3310, 37.3754

Complementary

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



29.0120, 28.3310, 28.7503



30.2570, 34.0240, 39.1553

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.



25.5659, 28.3310, 35.8676



29.0120, 28.3310, 28.7503



24.8486, 28.3310, 29.8080

Square

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



29.0120, 28.3310, 28.7503



26.1851, 28.3310, 25.3848



24.9458, 28.3310, 33.0446



27.6843, 28.3310, 37.0429

Rectangle

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



29.0120, 28.3310, 28.7503



27.6668, 28.3310, 25.3690



24.9458, 28.3310, 33.0446



26.2020, 28.3310, 37.0632

Sweetspot

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



29.0128, 28.3323, 28.7509



59.2517, 61.0650, 65.2788



30.8003, 29.0466, 38.1659



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.



29.0128, 28.3323, 28.7509



50.9437, 48.9083, 48.7621



30.7009, 31.7084, 29.3136



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.



30.2570, 34.0240, 39.1553



53.6055, 61.0854, 71.0215



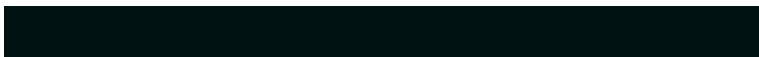
28.4038, 30.3177, 38.5376



7.2761, 8.0111, 9.0659



15.3139, 22.4072, 30.4477



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 29.0120, 28.3310, 28.7503 looks on a white background.

Color Contrast Check

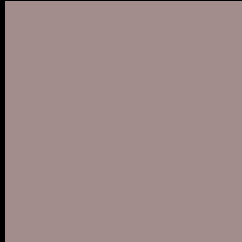
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0120, 28.3310, 28.7503 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 29.0120, 28.3310, 28.7503

Background



This preview shows how black text looks on a background with the XYZ color 29.0120, 28.3310, 28.7503.



This preview shows how white text looks on a background with the XYZ color 29.0120, 28.3310,

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

29.0120, 28.3310, 28.7503

Protanopia

27.2961, 28.5299, 30.0548

Deuteranopia

28.8096, 28.2267, 28.7408



Tritanopia

29.7617, 28.4217, 32.3511

Trichromacy



Original Color

29.0120, 28.3310, 28.7503

Protanomaly

27.8418, 28.3702, 29.5998

Deuteranomaly

28.8096, 28.2267, 28.7408

Tritanomaly

29.5252, 28.3271, 31.1057

Monochromacy



Original Color

29.0120, 28.3310, 28.7503

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9562, 28.6355, 30.4393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0120, 28.3310, 28.7503 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(162, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.0120, 28.3310, 28.7503 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(162, 140, 140) }
```


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

```
.border{ border-color:rgb(162, 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(162, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0120, 28.3310, 28.7503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 140) }
```

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

```
.background{ background-color: rgb(162,  
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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