

Converting Colors

XYZ(28.8028, 28.2813, 28.2654)

Have a look what the booklet for
XYZ(28.8028, 28.2813, 28.2654)
contains.

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Color

**XYZ(28.7362, 28.1973,
28.3542)**

Conversions

Conversions Part 1

Format	Color
Hex	A18C8B
RGB	161, 140, 139
RGB Percent	63%, 55%, 55%
CMY	0.3686, 0.4510, 0.4549
CMYK	0.00, 0.13, 0.14, 0.37
HSL	3°, 10%, 59%
HSV	3°, 14%, 63%
XYZ	28.7362, 28.1973, 28.3542
YIQ	146.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

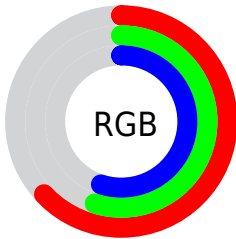
Format	Color
RYB	161, 140, 139
Decimal	10587275
CIELab	60.07, 7.71, 3.43
CIELCh	60, 8.440, 23.996
Yxy	28.1973, 0.3369, 0.3306
Android (android.graphics.Color)	4288777355 (0xFFA18C8B)
YUV	146.1650, -3.5323, 13.0103
Hunter-Lab	53.1011, 3.6701, 5.5119

Details

The XYZ color **28.7362, 28.1973, 28.3542** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.6511, 33.2031, 38.5645**, and the grayscale version is **27.4002, 28.8272, 31.3928**.

A 20% lighter version of the original color is **57.1251, 56.9883, 57.8582**, and **11.7660, 11.2848, 11.0092** is the 20% darker color. If you saturate the color by 10%, you get **25.5548, 23.5804, 21.9110**, and if you desaturate by 10%, it is **32.4060, 33.5131, 35.8156**.

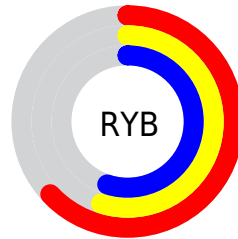
Distribution



Red (63%)

Green (55%)

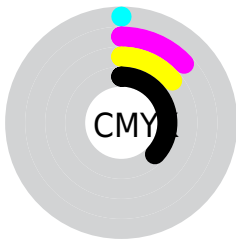
Blue (55%)



Red (63%)

Yellow (55%)

Blue (55%)

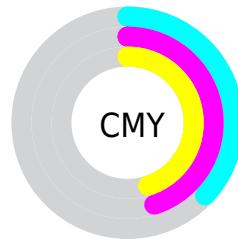


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (37%)



Cyan (37%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7362, 28.1973, 28.3542 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 28.7362, 28.1973, 28.3542 by changing the saturation by 10% instead.


 28.7362, 28.1973,
28.3542


 28.7362, 28.1973,
28.3542


287.9849,
293.4085, 308.1206


 19.0246, 18.4744,
18.3515


 57.0582, 56.7993,
58.0793

 11.7922, 11.2911,
11.0306


 76.3993, 76.4472,
78.6388

 6.6735, 6.2630,
5.9730


 99.6809, 100.1723,
103.5543

 3.3033, 3.0057,
2.7601

127.2685,
128.3589, 133.2443

 1.3161, 1.1347,
0.9735

159.5273,
161.3914, 168.1274

 0.1952, 0.0074,
0.0000

196.8228,

 0.0000, 0.0000,

199.6542, 208.6221

0.0000

239.5202,
243.5318, 255.1470

■ 28.7362, 28.1973,
28.3542

■ 28.7362, 28.1973,
28.3542

■ 25.5548, 23.5804,
21.9110

■ 32.4060, 33.5131,
35.8156

■ 22.8391, 19.6298,
16.4403

■ 36.5811, 39.5513,
44.3349

■ 20.5678, 16.3159,
11.8953

■ 41.2804, 46.3388,
53.9516

■ 18.7173, 13.6054,
8.2248

■ 46.5215, 53.9001,
64.7028

■ 17.2617, 11.4620,
5.3727

■ 52.3206, 62.2585,
76.6239

■ 16.1722, 9.8453,
3.2763

■ 58.6936, 71.4364,
89.7487

■ 15.4163, 8.7100,
1.8637

■ 65.6558, 81.4552,
104.1096

■ 14.9555, 8.0027,
1.0494

■ 68.5080, 86.3171,
107.6579

■ 14.7777, 7.7364,
0.7144

Harmonies

Analogous

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



28.9120, 28.1973, 31.3262



28.7362, 28.1973, 28.3542



28.0358, 28.1973, 26.1525

Triad

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



28.7362, 28.1973, 28.3542



25.1611, 28.1973, 27.3480



26.5848, 28.1973, 36.9819

Complementary

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



28.7362, 28.1973, 28.3542



29.6511, 33.2031, 38.5645

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.



25.6024, 28.1973, 35.7509



28.7362, 28.1973, 28.3542



24.7947, 28.1973, 30.0863

Square

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



28.7362, 28.1973, 28.3542



25.9678, 28.1973, 25.5993



24.9541, 28.1973, 33.1761



27.6512, 28.1973, 36.4415

Rectangle

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



28.7362, 28.1973, 28.3542



27.3753, 28.1973, 25.3498



24.9541, 28.1973, 33.1761



26.2341, 28.1973, 36.7591

Sweetspot

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



28.7370, 28.1986, 28.3548



57.7484, 59.6025, 63.5564



30.2994, 28.5901, 37.3019



12.5557, 12.9134, 13.7162



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.7370, 28.1986, 28.3548



49.8796, 48.2015, 47.5647



30.3822, 31.4890, 28.9032



7.0985, 7.1353, 7.3832



11.8107, 6.1954, 0.5733



0.2555, 0.1448, 0.0145

Inverse Universe

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



29.6511, 33.2031, 38.5645



51.7975, 58.7018, 68.9871



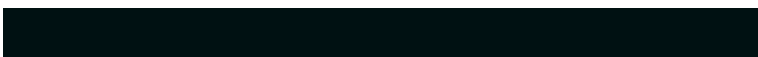
27.8705, 29.6419, 37.9710



7.2483, 7.9556, 9.0566



14.3306, 20.4406, 30.1199



0.3090, 0.4452, 0.6355

Previews

White Background



This preview shows how the XYZ color 28.7362, 28.1973, 28.3542 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 28.7362, 28.1973, 28.3542 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 28.7362, 28.1973, 28.3542

Background



This preview shows how black text looks on a background with the XYZ color 28.7362, 28.1973, 28.3542.



This preview shows how white text looks on a background with the XYZ color 28.7362, 28.1973,

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

28.7362, 28.1973, 28.3542

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

28.7362, 28.1973, 28.3542



Tritanopia

29.4136, 28.0283, 32.2935

Trichromacy



Original Color

28.7362, 28.1973, 28.3542

Protanomaly

27.6930, 28.3107, 28.8159

Deuteranomaly

28.7362, 28.1973, 28.3542

Tritanomaly

29.2437, 28.1910, 30.6881

Monochromacy



Original Color

28.7362, 28.1973, 28.3542

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6937, 28.5090, 30.0298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7362, 28.1973, 28.3542 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(161, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 139)  
}
```

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(161, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.7362, 28.1973, 28.3542 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(161, 140, 139) }
```


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

```
.border{ border-color:rgb(161, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 139);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7362, 28.1973, 28.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 139) }
```

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

```
.background{ background-color: rgb(161,  
140, 139) }
```

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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