

Converting Colors

XYZ(28.4121, 30.9586, 36.4124)

Have a look what the booklet for
XYZ(28.4121, 30.9586, 36.4124)
contains.

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Color

**XYZ(28.2923, 30.7922,
36.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	8C999D
RGB	140, 153, 157
RGB Percent	55%, 60%, 62%
CMY	0.4510, 0.4000, 0.3843
CMYK	0.11, 0.03, 0.00, 0.38
HSL	194°, 8%, 58%
HSV	194°, 11%, 62%
XYZ	28.2923, 30.7922, 36.3506
YIQ	149.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

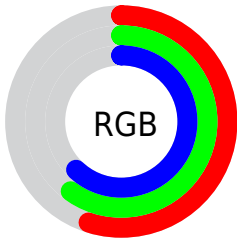
Format	Color
RYB	140, 147, 157
Decimal	9214365
CIELab	62.33, -3.79, -3.69
CIElCh	62, 5.290, 224.220
Yxy	30.7922, 0.2965, 0.3227
Android (android.graphics.Color)	4287404445 (0xFF8C999D)
YUV	149.5690, 3.6635, -8.3920
Hunter-Lab	55.4907, -6.0994, 0.0041

Details

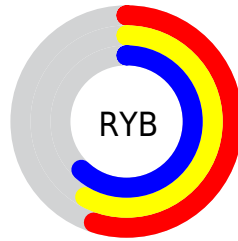
The XYZ color **28.2923, 30.7922, 36.3506** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6118, 29.0082, 28.9028**, and the grayscale version is **28.7954, 30.2950, 32.9913**.

A 20% lighter version of the original color is **56.4446, 60.8484, 71.0573**, and **11.5693, 12.7170, 15.4805** is the 20% darker color. If you saturate the color by 10%, you get **25.2385, 28.3354, 36.0378**, and if you desaturate by 10%, it is **31.7441, 33.4836, 36.6886**.

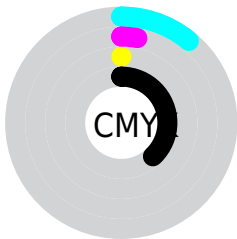
Distribution



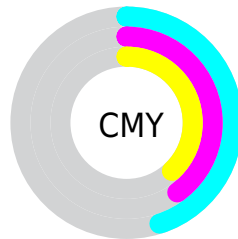
- Red (55%)
- Green (60%)
- Blue (62%)



- Red (55%)
- Yellow (58%)
- Blue (62%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2923, 30.7922, 36.3506 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 28.2923, 30.7922, 36.3506 by changing the saturation by 10% instead.

■ 28.2923, 30.7922,
36.3506

■ 28.2923, 30.7922,
36.3506

285.9158,
305.5798, 345.5740

■ 18.6877, 20.4407,
24.4133

■ 56.3562, 60.9128,
70.7480

■ 11.5475, 12.7158,
15.4254

■ 75.5461, 81.4506,
94.0451

■ 6.5064, 7.2331,
8.9686

■ 98.6619, 106.1526,
121.9659

■ 3.1989, 3.6083,
4.6242

126.0689,
135.4033, 154.9289

■ 1.2598, 1.4570,
1.9736

158.1324,
169.5869, 193.3527

■ 0.1528, 0.2581,
0.5390

195.2179,

■ 0.0000, 0.0000,

209.0880, 237.6558

0.0000

237.6905,
254.2908, 288.2567

■ 28.2923, 30.7922,
36.3506

■ 28.2923, 30.7922,
36.3506

■ 25.2385, 28.3354,
36.0378

■ 31.7441, 33.4836,
36.6886

■ 22.5639, 26.1007,
35.7475

■ 35.6064, 36.4138,
37.0507

■ 20.2522, 24.0804,
35.4793

■ 39.8942, 39.5917,
37.4381

■ 18.2848, 22.2647,
35.2326

■ 44.6214, 43.0245,
37.8515

■ 16.6415, 20.6427,
35.0061

■ 49.8007, 46.7191,
38.2917

■ 15.2997, 19.2027,
34.7989

■ 55.4447, 50.6823,
38.7592

■ 14.2339, 17.9312,
34.6096

■ 61.5653, 54.9203,
39.2546

■ 13.4140, 16.8124,
34.4369

■ 64.1650, 57.3726,
39.5909

■ 12.8117, 15.8860,
34.2898

■ 64.9342, 58.9109,
39.8473

Harmonies

Analogous

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



27.9538, 30.7922, 34.5045



28.2923, 30.7922, 36.3506



28.8946, 30.7922, 37.4631

Triad

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



28.2923, 30.7922, 36.3506



30.6108, 30.7922, 34.6102



28.9305, 30.7922, 29.8519

Complementary

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



28.2923, 30.7922, 36.3506



28.6118, 29.0082, 28.9028

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.



29.6427, 30.7922, 29.8776



28.2923, 30.7922, 36.3506



30.6208, 30.7922, 32.5690

Square

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



28.2923, 30.7922, 36.3506



30.2369, 30.7922, 36.4307



30.2640, 30.7922, 30.8544



28.3182, 30.7922, 30.7827

Rectangle

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



28.2923, 30.7922, 36.3506



29.3684, 30.7922, 37.6116



30.2640, 30.7922, 30.8544



29.1660, 30.7922, 29.7502

Sweetspot

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



28.2932, 30.7935, 36.3513



55.4085, 58.8538, 65.5663



27.9043, 31.7026, 31.0214



12.0843, 12.8668, 14.4170



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.2932, 30.7935, 36.3513



49.2800, 54.0431, 64.9608



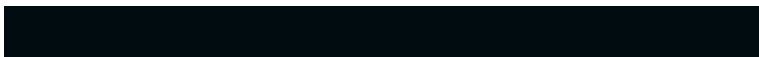
26.9559, 28.1190, 35.9055



6.6895, 7.2448, 8.4525



10.4345, 12.9606, 27.8589



0.2163, 0.2911, 0.5080

Inverse Universe

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



29.0332, 28.2249, 34.0561



50.8847, 48.5379, 59.9697



29.9429, 31.6704, 29.3465



6.8374, 6.7279, 7.9948



14.0651, 6.9306, 15.1256



0.2665, 0.1299, 0.3494

Previews

White Background



This preview shows how the XYZ color 28.2923, 30.7922, 36.3506 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.2923, 30.7922, 36.3506 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 ✓ Pass

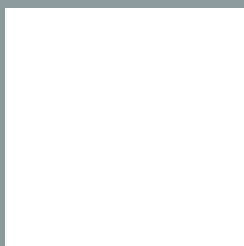
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2923, 30.7922, 36.3506

Background



This preview shows how black text looks on a background with the XYZ color 28.2923, 30.7922, 36.3506.



This preview shows how white text looks on a background with the XYZ color 28.2923, 30.7922,

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

28.2923, 30.7922, 36.3506

Protanopia

29.7716, 30.8547, 35.3968

Deuteranopia

31.1484, 30.6035, 36.6131



Tritanopia

28.9136, 30.7995, 39.5430

Trichromacy



Original Color

28.2923, 30.7922, 36.3506

Protanomaly

29.2801, 30.8294, 35.8599

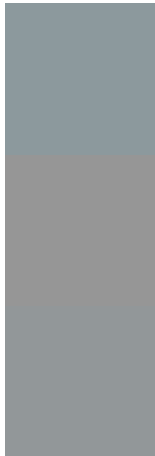
Deuteranomaly

30.0559, 30.7358, 36.6962

Tritanomaly

28.6458, 30.6924, 38.1326

Monochromacy



Original Color

28.2923, 30.7922, 36.3506

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6704, 30.5441, 34.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2923, 30.7922, 36.3506 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(140, 153, 157) looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 157)  
}
```

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(140, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 157) }
```

Border

The CSS property to change the border of an element to XYZ 28.2923, 30.7922, 36.3506 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(140, 153, 157) }
```


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

```
.border{ border-color:rgb(140, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2923, 30.7922, 36.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 157) }
```

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

```
.background{ background-color: rgb(140,  
153, 157) }
```

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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