

Converting Colors

XYZ(28.6771, 30.2506, 36.9726)

Have a look what the booklet for
XYZ(28.6771, 30.2506, 36.9726)
contains.

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Color

**XYZ(28.6660, 30.2452,
37.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	90969F
RGB	144, 150, 159
RGB Percent	56%, 59%, 62%
CMY	0.4353, 0.4118, 0.3765
CMYK	0.09, 0.06, 0.00, 0.38
HSL	216°, 7%, 59%
HSV	216°, 9%, 62%
XYZ	28.6660, 30.2452, 37.1279
YIQ	149.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

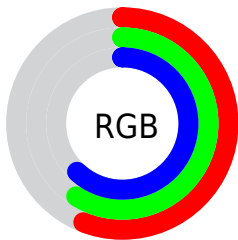
Format	Color
R _Y B	144, 148, 159
Decimal	9475743
CIE Lab	61.87, -0.32, -5.48
CIE LCh	62, 5.485, 266.696
Yxy	30.2452, 0.2985, 0.3149
Android (android.graphics.Color)	4287665823 (0xFF90969F)
YUV	149.2320, 4.8156, -4.5885
Hunter-Lab	54.9956, -3.2008, -1.5301

Details

The XYZ color **28.6660, 30.2452, 37.1279** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7235, 32.1669, 30.9758**, and the grayscale version is **28.6478, 30.1397, 32.8221**.

A 20% lighter version of the original color is **57.0192, 60.0465, 72.2032**, and **11.7847, 12.3861, 15.9570** is the 20% darker color. If you saturate the color by 10%, you get **24.6217, 25.9928, 36.5207**, and if you desaturate by 10%, it is **33.2271, 34.9496, 37.7960**.

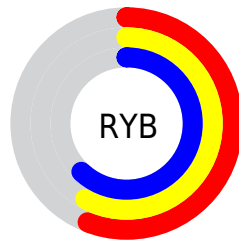
Distribution



Red (56%)

Green (59%)

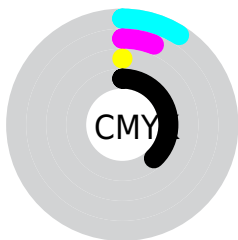
Blue (62%)



Red (56%)

Yellow (58%)

Blue (62%)

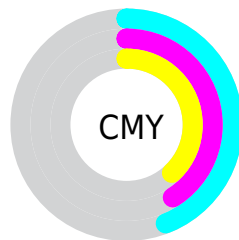


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (44%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6660, 30.2452, 37.1279 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 28.6660, 30.2452, 37.1279 by changing the saturation by 10% instead.

■ 28.6660, 30.2452,
37.1279

■ 28.6660, 30.2452,
37.1279

287.6585,
303.0457, 349.0493

■ 18.9713, 20.0248,
25.0100

■ 56.9472, 60.0497,
71.9580

■ 11.7534, 12.4131,
15.8654

■ 76.2645, 80.4026,
95.5072

■ 6.6470, 7.0256,
9.2756

99.5200, 104.9018,
123.7039

■ 3.2867, 3.4781,
4.8221

127.0791,
133.9317, 156.9667

■ 1.3071, 1.3862,
2.0864

159.3071,
167.8766, 195.7141

■ 0.1885, 0.2065,
0.6076

196.5695,

■ 0.0000, 0.0000,

207.1210, 240.3647

0.0000

239.2315,
252.0492, 291.3369

■ 28.6660, 30.2452,
37.1279

■ 28.6660, 30.2452,
37.1279

■ 24.6217, 25.9928,
36.5207

■ 33.2271, 34.9496,
37.7960

■ 21.0724, 22.1744,
35.9708

■ 38.3205, 40.1157,
38.5247

■ 17.9986, 18.7761,
35.4768

■ 43.9644, 45.7578,
39.3163

■ 15.3782, 15.7819,
35.0370

■ 50.1751, 51.8882,
40.1722

■ 13.1875, 13.1747,
34.6492

■ 56.9684, 58.5190,
41.0941

■ 11.4003, 10.9358,
34.3113

■ 64.3595, 65.6616,
42.0832

■ 9.9873, 9.0447,
34.0207

■ 72.2514, 73.2698,
43.1358

■ 8.9145, 7.4782,
33.7749

■ 74.7779, 78.3229,
43.9779

■ 8.1119, 6.1942,
33.5694

■ 77.4488, 83.6647,
44.8682

Harmonies

Analogous

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



27.9802, 30.2452, 36.4216



28.6660, 30.2452, 37.1279



29.3849, 30.2452, 36.6710

Triad

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



28.6660, 30.2452, 37.1279



30.0247, 30.2452, 31.1517



27.5853, 30.2452, 30.7650

Complementary

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



28.6660, 30.2452, 37.1279



30.7235, 32.1669, 30.9758

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.



28.1187, 30.2452, 29.4560



28.6660, 30.2452, 37.1279



29.5280, 30.2452, 29.6725

Square

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



28.6660, 30.2452, 37.1279



30.1772, 30.2452, 33.1651



28.8285, 30.2452, 29.0645



27.3630, 30.2452, 32.6998

Rectangle

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



28.6660, 30.2452, 37.1279



29.7850, 30.2452, 35.7785



28.8285, 30.2452, 29.0645



27.7337, 30.2452, 30.2404

Sweetspot

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



28.6669, 30.2465, 37.1286



56.4380, 59.4441, 67.2427



29.6294, 33.0177, 34.8408



12.5785, 13.2519, 15.1386



76.7382, 80.7346, 87.9200



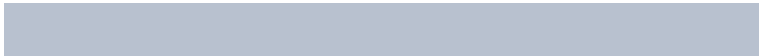
13.3056, 13.9985, 15.2444

Same Dimension

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



28.6669, 30.2465, 37.1286



49.9863, 52.7572, 66.2920



27.9531, 28.4929, 36.8277



6.4917, 6.8491, 8.3865



6.4128, 4.9172, 26.5184



0.1548, 0.1683, 0.4875

Inverse Universe

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



29.7771, 29.5202, 32.9842



52.3285, 51.2576, 57.5415



31.4841, 34.0541, 31.3000



6.7375, 6.6879, 7.4689



12.0351, 6.1186, 4.4358



0.2355, 0.1175, 0.1861

Previews

White Background



This preview shows how the XYZ color 28.6660, 30.2452, 37.1279 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 28.6660, 30.2452, 37.1279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

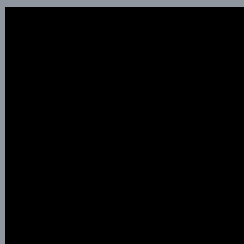
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

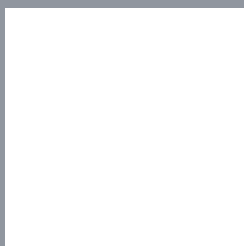
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6660, 30.2452, 37.1279

Background



This preview shows how black text looks on a background with the XYZ color 28.6660, 30.2452, 37.1279.



This preview shows how white text looks on a background with the XYZ color 28.6660, 30.2452,

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

28.6660, 30.2452, 37.1279

Protanopia

29.1559, 30.0380, 36.6090

Deuteranopia

30.7686, 30.1598, 37.4574



Tritanopia

28.8410, 30.3152, 38.0495

Trichromacy



Original Color

28.6660, 30.2452, 37.1279

Protanomaly

28.9516, 30.1666, 36.6446

Deuteranomaly

30.1053, 30.2755, 37.5147

Tritanomaly

28.7531, 30.2801, 37.5869

Monochromacy



Original Color

28.6660, 30.2452, 37.1279

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5298, 29.9978, 34.4235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6660, 30.2452, 37.1279 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(144, 150, 159)` looks like.

```
.text, #text, p{  
    color:rgb(144, 150, 159)  
}
```

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(144, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 150, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.6660, 30.2452, 37.1279 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(144, 150, 159) }
```


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

```
.border{ border-color:rgb(144, 150, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 150, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(144, 150,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6660, 30.2452, 37.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 150, 159) }
```

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

```
.background{ background-color: rgb(144,  
150, 159) }
```

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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