

Converting Colors

XYZ(28.6095, 28.1233, 37.3422)

Have a look what the booklet for
XYZ(28.6095, 28.1233, 37.3422)
contains.

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Color

**XYZ(28.6325, 28.1671,
37.1854)**

Conversions

Conversions Part 1

Format	Color
Hex	978DA0
RGB	151, 141, 160
RGB Percent	59%, 55%, 63%
CMY	0.4078, 0.4470, 0.3725
CMYK	0.06, 0.12, 0.00, 0.37
HSL	272°, 9%, 59%
HSV	272°, 12%, 63%
XYZ	28.6325, 28.1671, 37.1854
YIQ	146.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

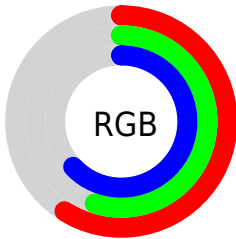
Format	Color
RYB	151, 141, 160
Decimal	9932192
CIELab	60.04, 7.42, -8.70
CIElCh	60, 11.433, 310.486
Yxy	28.1671, 0.3046, 0.2997
Android (android.graphics.Color)	4288122272 (0xFF978DA0)
YUV	146.1560, 6.8251, 4.2482
Hunter-Lab	53.0727, 3.4228, -4.3907

Details

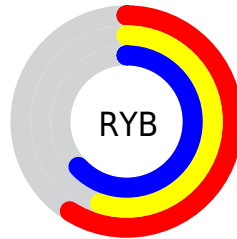
The XYZ color **28.6325, 28.1671, 37.1854** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9572, 33.5495, 30.0975**, and the grayscale version is **27.3592, 28.7840, 31.3457**.

A 20% lighter version of the original color is **56.9577, 56.9156, 72.2738**, and **11.7569, 11.2956, 16.0286** is the 20% darker color. If you saturate the color by 10%, you get **25.0800, 23.0835, 36.3918**, and if you desaturate by 10%, it is **32.6179, 33.9814, 38.0981**.

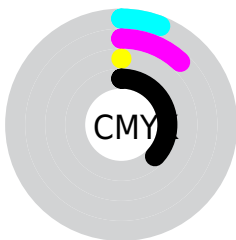
Distribution



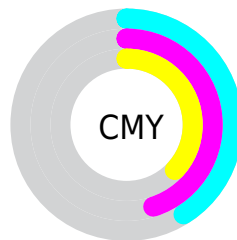
- Red (59%)
- Green (55%)
- Blue (63%)



- Red (59%)
- Yellow (55%)
- Blue (63%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (41%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6325, 28.1671, 37.1854 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 28.6325, 28.1671, 37.1854 by changing the saturation by 10% instead.

■ 28.6325, 28.1671,
37.1854

■ 28.6325, 28.1671,
37.1854

287.5026,
293.2645, 349.3053

■ 18.9459, 18.4517,
25.0542

■ 56.8943, 56.7511,
72.0473

■ 11.7349, 11.2747,
15.8980

■ 76.2002, 76.3885,
95.6151

■ 6.6344, 6.2519,
9.2984

■ 99.4432, 100.1019,
123.8322

■ 3.2788, 2.9989,
4.8369

126.9887,
128.2759, 157.1171

■ 1.3029, 1.1311,
2.0948

159.2020,
161.2947, 195.8883

■ 0.1854, 0.0044,
0.6127

196.4485,

■ 0.0000, 0.0000,

199.5429, 240.5643

0.0000

239.0936,
243.4047, 291.5639

■ 28.6325, 28.1671,
37.1854

■ 28.6325, 28.1671,
37.1854

■ 25.0800, 23.0835,
36.3918

■ 32.6179, 33.9814,
38.0981

■ 21.9418, 18.6970,
35.7106

■ 37.0492, 40.5510,
39.1326

■ 19.2013, 14.9769,
35.1369

■ 41.9415, 47.9038,
40.2939

■ 16.8399, 11.8883,
34.6652

■ 47.3088, 56.0652,
41.5864

■ 14.8373, 9.3934,
34.2892

■ 53.1644, 65.0592,
43.0138

■ 13.1709, 7.4500,
34.0019

■ 59.5208, 74.9091,
44.5800

■ 11.8154, 6.0104,
33.7955

■ 66.3902, 85.6372,
46.2886

■ 10.7409, 5.0179,
33.6606

■ 69.1530, 88.0017,
46.5994

■ 10.0195, 4.4322,
33.5856

■ 71.3850, 89.1523,
46.7039

Harmonies

Analogous

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



27.2851, 28.1671, 39.2547



28.6325, 28.1671, 37.1854



29.5005, 28.1671, 33.4282

Triad

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



28.6325, 28.1671, 37.1854



27.7188, 28.1671, 23.7110



24.1105, 28.1671, 32.1528

Complementary

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



28.6325, 28.1671, 37.1854



29.9572, 33.5495, 30.0975

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.



24.2171, 28.1671, 28.0663



28.6325, 28.1671, 37.1854



26.2653, 28.1671, 23.4367

Square

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



28.6325, 28.1671, 37.1854



28.9598, 28.1671, 25.7491



24.9939, 28.1671, 24.9625



24.6972, 28.1671, 36.1792

Rectangle

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



28.6325, 28.1671, 37.1854



29.6724, 28.1671, 30.6011



24.9939, 28.1671, 24.9625



24.0670, 28.1671, 30.7373

Sweetspot

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



28.6333, 28.1683, 37.1860



57.5610, 59.2574, 68.7906



28.2663, 30.0731, 37.5730



12.5070, 12.8247, 15.0599



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.



28.6333, 28.1683, 37.1860



50.3728, 48.8137, 67.1536



30.3404, 29.0515, 37.1215



6.6011, 6.5984, 8.3324



7.8562, 3.4790, 26.1647



0.1892, 0.0873, 0.4701

Inverse Universe

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



29.5281, 28.7266, 32.8441



52.3122, 50.0235, 57.7575



28.3877, 32.7376, 30.1472



6.7573, 6.6958, 7.5732



12.3258, 6.2349, 5.9669



0.2416, 0.1200, 0.2186

Previews

White Background



This preview shows how the XYZ color 28.6325, 28.1671, 37.1854 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 28.6325, 28.1671, 37.1854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

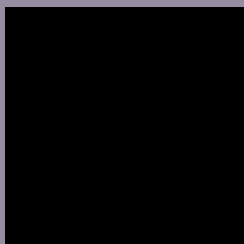
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

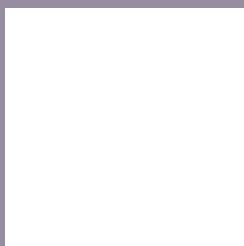
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6325, 28.1671, 37.1854

Background



This preview shows how black text looks on a background with the XYZ color 28.6325, 28.1671, 37.1854.



This preview shows how white text looks on a background with the XYZ color 28.6325, 28.1671,

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

28.6325, 28.1671, 37.1854

Protanopia

27.6502, 28.3059, 38.1887

Deuteranopia

28.8189, 28.2632, 37.1941



Tritanopia

28.0004, 28.1299, 34.0908

Trichromacy



Original Color

28.6325, 28.1671, 37.1854

Protanomaly

27.9325, 28.2379, 37.6965

Deuteranomaly

28.8189, 28.2632, 37.1941

Tritanomaly

28.2514, 28.2303, 35.4125

Monochromacy



Original Color

28.6325, 28.1671, 37.1854

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7719, 28.4768, 33.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6325, 28.1671, 37.1854 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(151, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(151, 141, 160)  
}
```

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(151, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 141, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.6325, 28.1671, 37.1854 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(151, 141, 160) }
```


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

```
.border{ border-color:rgb(151, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(151, 141,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6325, 28.1671, 37.1854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 141, 160) }
```

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

```
.background{ background-color: rgb(151,  
141, 160) }
```

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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