

Converting Colors

XYZ(28.2231, 28.8484, 37.3406)

Have a look what the booklet for
XYZ(28.2231, 28.8484, 37.3406)
contains.

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Color

**XYZ(28.1476, 28.8086,
37.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	9191A0
RGB	145, 145, 160
RGB Percent	57%, 57%, 63%
CMY	0.4314, 0.4314, 0.3725
CMYK	0.09, 0.09, 0.00, 0.37
HSL	240°, 7%, 60%
HSV	240°, 9%, 63%
XYZ	28.1476, 28.8086, 37.3348
YIQ	146.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

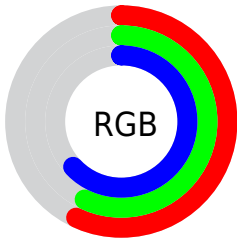
Format	Color
RYB	145, 145, 160
Decimal	9540000
CIELab	60.61, 3.05, -7.89
CIELCh	61, 8.464, 291.127
Yxy	28.8086, 0.2985, 0.3055
Android (android.graphics.Color)	4287730080 (0xFF9191A0)
YUV	146.7100, 6.5520, -1.4997
Hunter-Lab	53.6736, -0.3197, -3.6699

Details

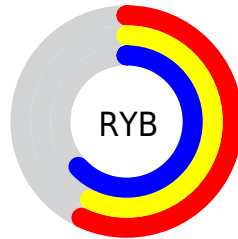
The XYZ color **28.1476, 28.8086, 37.3348** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1789, 34.6592, 31.7825**, and the grayscale version is **27.5894, 29.0262, 31.6095**.

A 20% lighter version of the original color is **56.2424, 57.8953, 72.5006**, and **11.5718, 11.7214, 16.1206** is the 20% darker color. If you saturate the color by 10%, you get **23.2497, 22.9073, 36.4543**, and if you desaturate by 10%, it is **33.7885, 35.6055, 38.3499**.

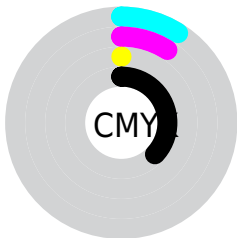
Distribution



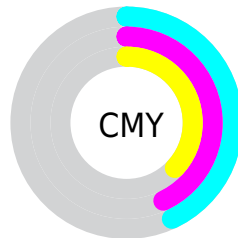
- Red (57%)
- Green (57%)
- Blue (63%)



- Red (57%)
- Yellow (57%)
- Blue (63%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1476, 28.8086, 37.3348 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 28.1476, 28.8086, 37.3348 by changing the saturation by 10% instead.

■ 28.1476, 28.8086,
37.3348

■ 28.1476, 28.8086,
37.3348

285.2388,
296.3108, 349.9700

■ 18.5780, 18.9361,
25.1690

■ 56.1270, 57.7728,
72.2795

■ 11.4679, 11.6241,
15.9828

■ 75.2675, 77.6334,
95.8954

■ 6.4521, 6.4883,
9.3578

98.3290, 101.5920,
124.1652

■ 3.1651, 3.1442,
4.8753

125.6768,
130.0332, 157.5073

■ 1.2417, 1.2075,
2.1168

157.6764,
163.3412, 196.3403

■ 0.1389, 0.0678,
0.6258

194.6930,

■ 0.0000, 0.0000,

201.9006, 241.0827

0.0000

237.0920,
246.0957, 292.1531

■ 28.1476, 28.8086,
37.3348

■ 28.1476, 28.8086,
37.3348

■ 23.2497, 22.9073,
36.4543

■ 33.7885, 35.6055,
38.3499

■ 19.0615, 17.8609,
35.7010

■ 40.1990, 43.3292,
39.5028

■ 15.5508, 13.6308,
35.0696

■ 47.4072, 52.0142,
40.7993

■ 12.6820, 10.1742,
34.5536

■ 55.4393, 61.6918,
42.2439

■ 10.4164, 7.4442,
34.1460

■ 64.3202, 72.3921,
43.8412

■ 8.7109, 5.3891,
33.8393

■ 74.0738, 84.1437,
45.5954

■ 7.5169, 3.9502,
33.6245

■ 83.3453, 95.3181,
47.2636

■ 6.7772, 3.0588,
33.4914

■ 6.3689, 2.5668,
33.4179

Harmonies

Analogous

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



27.0583, 28.8086, 37.7102



28.1476, 28.8086, 37.3348



29.0537, 28.8086, 35.3060

Triad

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



28.1476, 28.8086, 37.3348



28.7244, 28.8086, 26.9037



25.3538, 28.8086, 30.4468

Complementary

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



28.1476, 28.8086, 37.3348



32.1789, 34.6592, 31.7825

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.



25.7751, 28.8086, 27.7337



28.1476, 28.8086, 37.3348



27.7077, 28.8086, 25.7794

Square

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



28.1476, 28.8086, 37.3348



29.3929, 28.8086, 29.2442



26.6298, 28.8086, 26.0728



25.4644, 28.8086, 33.5916

Rectangle

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



28.1476, 28.8086, 37.3348



29.4226, 28.8086, 33.3587



26.6298, 28.8086, 26.0728



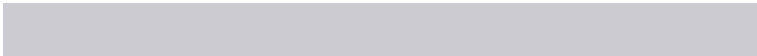
25.4375, 28.8086, 29.4574

Sweetspot

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



28.1485, 28.8098, 37.3354



57.4178, 59.9113, 68.9243



30.5717, 33.6912, 38.0354



12.4157, 12.9263, 15.0843



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.



28.1485, 28.8098, 37.3354



49.3753, 50.2209, 67.4778



29.4668, 29.4889, 37.3970



6.2848, 6.4354, 8.3176



4.9430, 1.9776, 26.0284



0.0884, 0.0354, 0.4654

Inverse Universe

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



29.7341, 29.7693, 30.9684



52.7764, 52.2790, 53.8207



30.7718, 33.9344, 31.7167



6.6331, 6.6462, 6.9191



11.2932, 5.8219, 0.5291



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 28.1476, 28.8086, 37.3348 looks on a white background.

Color Contrast Check

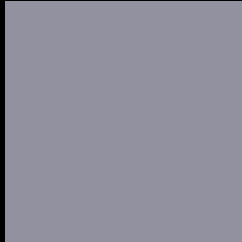
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1476, 28.8086, 37.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

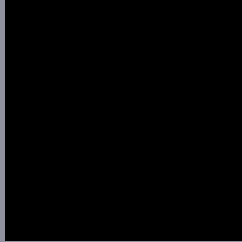
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1476, 28.8086, 37.3348

Background



This preview shows how black text looks on a background with the XYZ color 28.1476, 28.8086, 37.3348.



This preview shows how white text looks on a background with the XYZ color 28.1476, 28.8086,

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

28.1476, 28.8086, 37.3348

Protanopia

28.1476, 28.8086, 37.3348

Deuteranopia

29.4324, 28.7892, 37.7238



Tritanopia

27.8883, 28.7049, 35.9690

Trichromacy



Original Color

28.1476, 28.8086, 37.3348

Protanomaly

28.1476, 28.8086, 37.3348

Deuteranomaly

29.0180, 28.7974, 37.7473

Tritanomaly

27.9740, 28.7392, 36.4206

Monochromacy



Original Color

28.1476, 28.8086, 37.3348

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8004, 28.9358, 33.8257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1476, 28.8086, 37.3348 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(145, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(145, 145, 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(145, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 145, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.1476, 28.8086, 37.3348 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(145, 145, 160) }
```


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

```
.border{ border-color:rgb(145, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(145, 145,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1476, 28.8086, 37.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 145, 160) }
```

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

```
.background{ background-color: rgb(145,  
145, 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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