

Converting Colors

XYZ(28.0236, 28.9934, 37.6759)

Have a look what the booklet for
XYZ(28.0236, 28.9934, 37.6759)
contains.

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Color

**XYZ(28.0396, 28.9706,
37.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	8F92A1
RGB	143, 146, 161
RGB Percent	56%, 57%, 63%
CMY	0.4392, 0.4274, 0.3686
CMYK	0.11, 0.09, 0.00, 0.37
HSL	230°, 9%, 60%
HSV	230°, 11%, 63%
XYZ	28.0396, 28.9706, 37.8323
YIQ	146.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

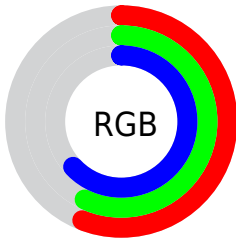
Format	Color
R _Y B	143, 146, 161
Decimal	9409185
CIE Lab	60.76, 2.01, -8.27
CIE LCh	61, 8.507, 283.640
Yxy	28.9706, 0.2956, 0.3055
Android (android.graphics.Color)	4287599265 (0xFF8F92A1)
YUV	146.8130, 6.9942, -3.3440
Hunter-Lab	53.8243, -1.2037, -3.9970

Details

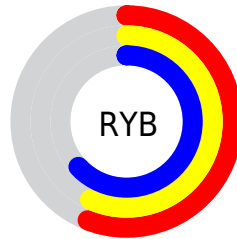
The XYZ color **28.0396, 28.9706, 37.8323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8829, 34.0138, 30.8721**, and the grayscale version is **27.6306, 29.0696, 31.6568**.

A 20% lighter version of the original color is **56.0749, 58.1367, 73.2318**, and **11.4574, 11.7970, 16.1412** is the 20% darker color. If you saturate the color by 10%, you get **23.5021, 23.7403, 37.0623**, and if you desaturate by 10%, it is **33.2215, 34.8950, 38.7032**.

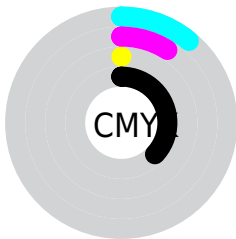
Distribution



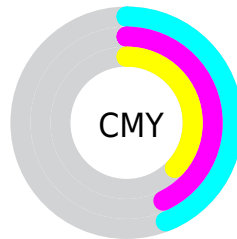
- Red (56%)
- Green (57%)
- Blue (63%)



- Red (56%)
- Yellow (57%)
- Blue (63%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (44%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0396, 28.9706, 37.8323 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 28.0396, 28.9706, 37.8323 by changing the saturation by 10% instead.

■ 28.0396, 28.9706,
37.8323

■ 28.0396, 28.9706,
37.8323

284.7327,
297.0762, 352.1766

■ 18.4961, 19.0586,
25.5517

■ 55.9559, 58.0304,
73.0516

■ 11.4086, 11.7126,
16.2658

■ 75.0594, 77.9469,
96.8274

■ 6.4117, 6.5483,
9.5561

■ 98.0802, 101.9671,
125.2720

■ 3.1400, 3.1813,
5.0039

125.3838,
130.4753, 158.8041

■ 1.2282, 1.2271,
2.1908

157.3355,
163.8559, 197.8420

■ 0.1285, 0.0837,
0.6690

194.3007,

■ 0.0000, 0.0000,

202.4933, 242.8044

0.0000

236.6446,
246.7720, 294.1097

■ 28.0396, 28.9706,
37.8323

■ 28.0396, 28.9706,
37.8323

■ 23.5021, 23.7403,
37.0623

■ 33.2215, 34.8950,
38.7032

■ 19.5812, 19.1748,
36.3878

■ 39.0692, 41.5338,
39.6764

■ 16.2506, 15.2485,
35.8055

■ 45.6062, 48.9113,
40.7558

■ 13.4814, 11.9324,
35.3113

■ 52.8541, 57.0494,
41.9446

■ 11.2421, 9.1953,
34.9011

■ 60.8334, 65.9690,
43.2457

■ 9.4979, 7.0032,
34.5699

■ 69.5641, 75.6904,
44.6620

■ 8.2097, 5.3186,
34.3126

■ 78.8062, 86.0995,
46.1840

■ 7.3325, 4.0985,
34.1233

■ 82.9006, 94.2882,
47.5488

■ 6.8216, 3.3503,
34.0058

■ 83.4331, 95.3532,
47.7263

Harmonies

Analogous

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



26.9417, 28.9706, 37.7480



28.0396, 28.9706, 37.8323



29.0276, 28.9706, 36.1541

Triad

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



28.0396, 28.9706, 37.8323



29.1016, 28.9706, 27.5296



25.5476, 28.9706, 29.8615

Complementary

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



28.0396, 28.9706, 37.8323



31.8829, 34.0138, 30.8721

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.



26.0957, 28.9706, 27.3436



28.0396, 28.9706, 37.8323



28.1383, 28.9706, 26.0601

Square

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



28.0396, 28.9706, 37.8323



29.6517, 28.9706, 30.1312



27.0378, 28.9706, 25.9943



25.5228, 28.9706, 33.0004

Rectangle

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



28.0396, 28.9706, 37.8323



29.4830, 28.9706, 34.3227



27.0378, 28.9706, 25.9943



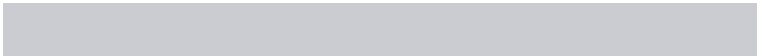
25.6761, 28.9706, 28.9196

Sweetspot

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



28.0405, 28.9718, 37.8329



57.6653, 60.4061, 69.0068



30.2189, 33.7882, 37.1421



12.4831, 13.0611, 15.1068



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.



28.0405, 28.9718, 37.8329



48.4468, 49.8513, 67.4554



28.5958, 28.5801, 37.7281



6.7915, 7.0420, 8.9044



5.4695, 2.7184, 27.1662



0.1403, 0.1078, 0.5793

Inverse Universe

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



29.7094, 29.2980, 31.2847



51.9447, 50.5562, 53.7264



31.2785, 34.4717, 30.9923



7.1197, 7.1043, 7.6170



11.9062, 6.1185, 1.4308



0.2630, 0.1337, 0.0974

Previews

White Background



This preview shows how the XYZ color 28.0396, 28.9706, 37.8323 looks on a white background.

Color Contrast Check

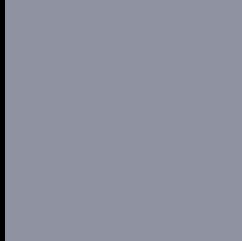
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0396, 28.9706, 37.8323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

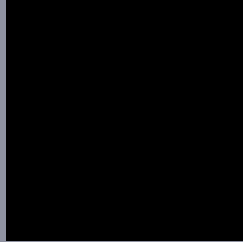
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0396, 28.9706, 37.8323

Background



This preview shows how black text looks on a background with the XYZ color 28.0396, 28.9706, 37.8323.

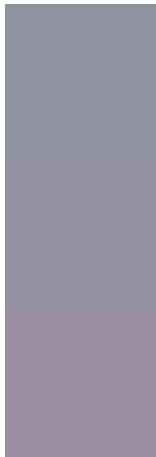


This preview shows how white text looks on a background with the XYZ color 28.0396, 28.9706,

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

28.0396, 28.9706, 37.8323

Protanopia

28.2355, 28.8437, 37.7974

Deuteranopia

29.5210, 28.8247, 38.1902



Tritanopia

27.7781, 28.8660, 36.4554

Trichromacy



Original Color

28.0396, 28.9706, 37.8323

Protanomaly

28.0600, 28.7533, 37.7892

Deuteranomaly

28.9217, 28.7376, 38.2050

Tritanomaly

27.8646, 28.9006, 36.9106

Monochromacy



Original Color

28.0396, 28.9706, 37.8323

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9553, 29.2454, 33.8773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0396, 28.9706, 37.8323 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(143, 146, 161) looks like.

```
.text, #text, p{  
    color:rgb(143, 146, 161)  
}
```

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(143, 146, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 146, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.0396, 28.9706, 37.8323 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(143, 146, 161) }
```


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

```
.border{ border-color:rgb(143, 146, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 146, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 146, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 146, 161);  
box-shadow:4px 4px 4px 4px rgb(143, 146,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0396, 28.9706, 37.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 146, 161) }
```

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

```
.background{ background-color: rgb(143,  
146, 161) }
```

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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