

Converting Colors

XYZ(36.7336, 37.1894, 59.2756)

Have a look what the booklet for
XYZ(36.7336, 37.1894, 59.2756)
contains.

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Color

**XYZ(36.7324, 37.1879,
59.2748)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA3C7
RGB	154, 163, 199
RGB Percent	60%, 64%, 78%
CMY	0.3961, 0.3608, 0.2196
CMYK	0.23, 0.18, 0.00, 0.22
HSL	228°, 29%, 69%
HSV	228°, 23%, 78%
XYZ	36.7324, 37.1879, 59.2748
YIQ	164.4130, -16.9200, 9.2880

Conversions

Conversions Part 2

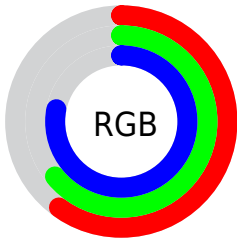
Format	Color
RYB	154, 162, 199
Decimal	10134471
CIELab	67.42, 4.64, -19.48
CIELCh	67, 20.027, 283.400
Yxy	37.1879, 0.2758, 0.2792
Android (android.graphics.Color)	4288324551 (0xFF9AA3C7)
YUV	164.4130, 17.0514, -9.1322
Hunter-Lab	60.9819, 0.8011, -14.9430

Details

The XYZ color **36.7324, 37.1879, 59.2748** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.7998, 51.3023, 37.9558**, and the grayscale version is **35.4113, 37.2554, 40.5712**.

A 20% lighter version of the original color is **69.4159, 70.9181, 104.6377**, and **16.2748, 16.2380, 29.0645** is the 20% darker color. If you saturate the color by 10%, you get **30.6035, 30.0938, 58.2292**, and if you desaturate by 10%, it is **43.8474, 45.3203, 60.4701**.

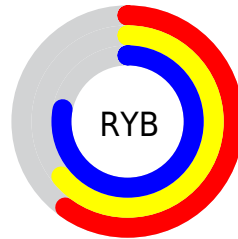
Distribution



Red (60%)

Green (64%)

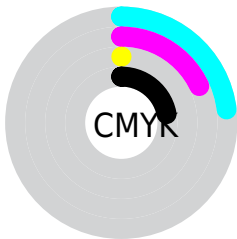
Blue (78%)



Red (60%)

Yellow (64%)

Blue (78%)

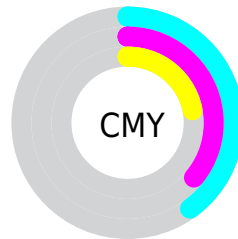


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (40%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7324, 37.1879, 59.2748 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 36.7324, 37.1879, 59.2748 by changing the saturation by 10% instead.

■ 36.7324, 37.1879,
59.2748

■ 36.7324, 37.1879,
59.2748

323.5262,
334.1233, 439.6497

■ 25.1731, 25.3530,
42.4129

■ 69.4775, 70.8617,
105.3100

■ 16.3355, 16.3403,
29.0968

■ 91.3941, 93.4694,
135.3204

■ 9.8542, 9.7652,
18.9078

117.4937,
120.4368, 170.5507

■ 5.3639, 5.2436,
11.4276

148.1418,
152.1483, 211.4194

■ 2.4993, 2.3909,
6.2374

183.7038,
188.9883, 258.3452

■ 0.8949, 0.8212,
2.9189

224.5449,

■ 0.0000, 0.0000,

231.3412, 311.7464

1.0534

271.0306,
279.5914, 372.0418

■ 0.0000, 0.0000,
0.0000

■ 36.7324, 37.1879,
59.2748

■ 36.7324, 37.1879,
59.2748

■ 30.6035, 30.0938,
58.2292

■ 43.8474, 45.3203,
60.4701

■ 25.4131, 23.9914,
57.3248

■ 51.9862, 54.5264,
61.8181

■ 21.1148, 18.8367,
56.5564

■ 61.1889, 64.8452,
63.3248

■ 17.6567, 14.5809,
55.9172

■ 71.4923, 76.3128,
64.9952

■ 14.9817, 11.1706,
55.4000

■ 82.9314, 88.9632,
66.8341

■ 13.0248, 8.5464,
54.9966

■ 87.3089, 96.9036,
68.1360

■ 11.7099, 6.6402,
54.6979

■ 11.0612, 5.6281,
54.5368

Harmonies

Analogous

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



33.6853, 37.1879, 58.9601



36.7324, 37.1879, 59.2748



39.5612, 37.1879, 54.0664

Triad

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



36.7324, 37.1879, 59.2748



39.8132, 37.1879, 29.9460



29.9828, 37.1879, 35.8486

Complementary

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



36.7324, 37.1879, 59.2748



47.7998, 51.3023, 37.9558

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.



31.4413, 37.1879, 29.4030



36.7324, 37.1879, 59.2748



37.0603, 37.1879, 26.3485

Square

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



36.7324, 37.1879, 59.2748



41.4082, 37.1879, 36.6966



33.9949, 37.1879, 26.1653



29.9064, 37.1879, 44.5389

Rectangle

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



36.7324, 37.1879, 59.2748



40.8943, 37.1879, 48.5471



33.9949, 37.1879, 26.1653



30.3237, 37.1879, 33.3799

Sweetspot

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



36.7336, 37.1894, 59.2756



84.3978, 87.9956, 107.1444



42.9631, 51.4026, 55.9445



17.8773, 18.6229, 22.9023



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.7336, 37.1894, 59.2756



58.9724, 58.9504, 102.8781



37.7489, 35.4240, 58.8814



10.2257, 10.6254, 13.4294



7.1629, 3.7196, 35.0848



0.3914, 0.2806, 1.6787

Inverse Universe

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



41.7206, 37.8987, 39.7682



69.2468, 60.6075, 62.6446



46.5674, 53.6511, 38.4742



10.7192, 10.6711, 11.5045



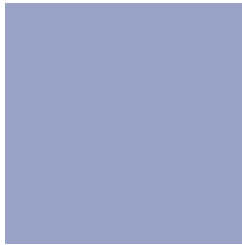
15.4148, 7.9155, 2.1283



0.7563, 0.3853, 0.2396

Previews

White Background



This preview shows how the XYZ color 36.7324, 37.1879, 59.2748 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 36.7324, 37.1879, 59.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

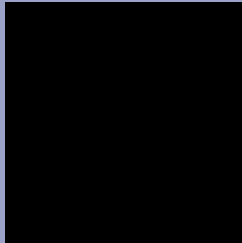
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7324, 37.1879, 59.2748

Background



This preview shows how black text looks on a background with the XYZ color 36.7324, 37.1879, 59.2748.



This preview shows how white text looks on a background with the XYZ color 36.7324, 37.1879,

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

36.7324, 37.1879, 59.2748

Protanopia

36.9394, 37.0321, 59.2338

Deuteranopia

37.8964, 36.9931, 59.7866



Tritanopia

34.4521, 37.0518, 48.5159

Trichromacy



Original Color

36.7324, 37.1879, 59.2748

Protanomaly

36.7467, 36.9327, 59.2248

Deuteranomaly

37.4683, 37.0308, 59.8164

Tritanomaly

35.1873, 37.0774, 52.3158

Monochromacy



Original Color

36.7324, 37.1879, 59.2748

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7085, 37.1988, 46.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7324, 37.1879, 59.2748 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(154, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 163, 199)  
}
```

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(154, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 163, 199) }
```

Border

The CSS property to change the border of an element to XYZ 36.7324, 37.1879, 59.2748 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(154, 163, 199) }
```


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

```
.border{ border-color:rgb(154, 163, 199) }
```

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

Here you see how a box with a 4 pixel rgb(154, 163, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 163,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7324, 37.1879, 59.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 163, 199) }
```

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

```
.background{ background-color: rgb(154,  
163, 199) }
```

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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