

Converting Colors

XYZ(37.0581, 36.7520, 59.5329)

Have a look what the booklet for
XYZ(37.0581, 36.7520, 59.5329)
contains.

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Color

**XYZ(37.0748, 36.8280,
59.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA1C8
RGB	157, 161, 200
RGB Percent	62%, 63%, 78%
CMY	0.3843, 0.3686, 0.2157
CMYK	0.21, 0.19, 0.00, 0.22
HSL	234°, 28%, 70%
HSV	234°, 21%, 78%
XYZ	37.0748, 36.8280, 59.7980
YIQ	164.2500, -14.9030, 11.2810

Conversions

Conversions Part 2

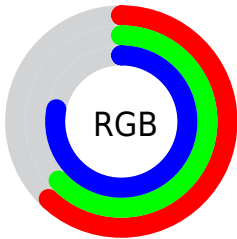
Format	Color
R _{YB}	157, 161, 200
Decimal	10330568
CIE _{Lab}	67.15, 6.93, -20.43
CIE _{LCh}	67, 21.570, 288.748
Yxy	36.8280, 0.2773, 0.2755
Android (android.graphics.Color)	4288520648 (0xFF9DA1C8)
YUV	164.2500, 17.6247, -6.3582
Hunter-Lab	60.6861, 2.8499, -15.9421

Details

The XYZ color **37.0748, 36.8280, 59.7980** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6454, 54.1934, 39.7430**, and the grayscale version is **35.3303, 37.1703, 40.4784**.

A 20% lighter version of the original color is **69.7572, 70.3288, 104.5060**, and **16.5899, 16.2304, 29.4525** is the 20% darker color. If you saturate the color by 10%, you get **30.5445, 29.0931, 58.6498**, and if you desaturate by 10%, it is **44.7060, 45.8149, 61.1310**.

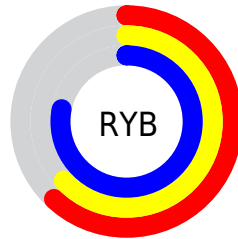
Distribution



Red (62%)

Green (63%)

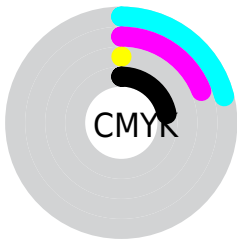
Blue (78%)



Red (62%)

Yellow (63%)

Blue (78%)

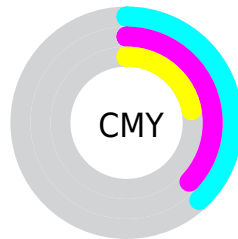


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0748, 36.8280, 59.7980 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 37.0748, 36.8280, 59.7980 by changing the saturation by 10% instead.

■ 37.0748, 36.8280,
59.7980

■ 37.0748, 36.8280,
59.7980

324.9842,
332.5653, 441.6368

■ 25.4394, 25.0743,
42.8316

■ 70.0009, 70.3082,
106.0771

■ 16.5352, 16.1325,
29.4226

■ 92.0223, 92.8035,
136.2269

■ 9.9969, 9.6179,
19.1524

118.2363,
119.6481, 171.6082

■ 5.4591, 5.1464,
11.6025

149.0084,
151.2265, 212.6396

■ 2.5566, 2.3334,
6.3544

184.7038,
187.9230, 259.7396

■ 0.9239, 0.7913,
2.9895

225.6881,

■ 0.0000, 0.0000,

230.1220, 313.3268

1.0893

272.3264,
278.2080, 373.8196

■ 0.0000, 0.0000,
0.0000

■ 37.0748, 36.8280,
59.7980

■ 37.0748, 36.8280,
59.7980

■ 30.5445, 29.0931,
58.6498

■ 44.7060, 45.8149,
61.1310

■ 25.0608, 22.5502,
57.6759

■ 53.4821, 56.1011,
62.6539

■ 20.5701, 17.1412,
56.8686

■ 63.4489, 67.7373,
64.3746

■ 17.0128, 12.8013,
56.2184

■ 74.6487, 80.7699,
66.2999

■ 14.3224, 9.4592,
55.7151

■ 86.3810, 94.8612,
68.4014

■ 12.4241, 7.0348,
55.3472

■ 87.4254, 96.9502,
68.7496

■ 11.2296, 5.4352,
55.1014

■ 10.6518, 4.6229,
54.9750

Harmonies

Analogous

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



33.7851, 36.8280, 60.6010



37.0748, 36.8280, 59.7980



39.9738, 36.8280, 53.2579

Triad

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



37.0748, 36.8280, 59.7980



39.3389, 36.8280, 27.9724



29.1638, 36.8280, 36.6701

Complementary

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



37.0748, 36.8280, 59.7980



49.6454, 54.1934, 39.7430

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.



30.4640, 36.8280, 29.3092



37.0748, 36.8280, 59.7980



36.2517, 36.8280, 24.8376

Square

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



37.0748, 36.8280, 59.7980



41.3364, 36.8280, 34.5586



33.0116, 36.8280, 25.2853



29.3536, 36.8280, 46.2029

Rectangle

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



37.0748, 36.8280, 59.7980



41.2309, 36.8280, 47.0248



33.0116, 36.8280, 25.2853



29.4377, 36.8280, 33.8897

Sweetspot

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



37.0760, 36.8295, 59.7988



85.3754, 88.6768, 107.2243



44.4893, 52.4492, 59.8252



18.0582, 18.7277, 22.9130



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.



37.0760, 36.8295, 59.7988



58.4479, 56.9725, 102.5240



39.9833, 37.3066, 59.7377



10.1348, 10.4436, 13.3991



6.8023, 2.9985, 34.9646



0.3499, 0.1977, 1.6649

Inverse Universe

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



42.3103, 38.9674, 39.0114



69.2088, 61.4605, 59.7682



46.2217, 53.7863, 39.8448



10.6733, 10.6527, 11.2629



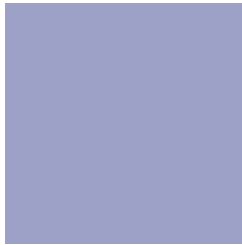
15.2328, 7.8427, 1.1699



0.7353, 0.3770, 0.1294

Previews

White Background



This preview shows how the XYZ color 37.0748, 36.8280, 59.7980 looks on a white background.

Color Contrast Check

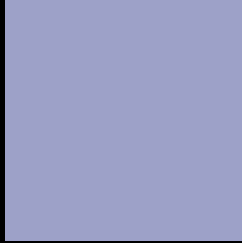
Large Text (above 18pt) WCAG AA × Fail

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 37.0748, 36.8280, 59.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

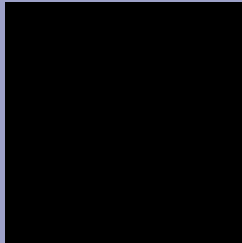
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0748, 36.8280, 59.7980

Background



This preview shows how black text looks on a background with the XYZ color 37.0748, 36.8280, 59.7980.



This preview shows how white text looks on a background with the XYZ color 37.0748, 36.8280,

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

37.0748, 36.8280, 59.7980

Protanopia

36.7894, 36.9277, 60.4471

Deuteranopia

37.6941, 36.8888, 59.7771



Tritanopia

34.6279, 36.8969, 47.4162

Trichromacy



Original Color

37.0748, 36.8280, 59.7980

Protanomaly

36.9805, 37.0263, 60.4560

Deuteranomaly

37.4933, 36.7853, 59.7677

Tritanomaly

35.4648, 36.9661, 51.7204

Monochromacy



Original Color

37.0748, 36.8280, 59.7980

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7309, 36.9458, 46.8430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0748, 36.8280, 59.7980 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(157, 161, 200)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 200)  
}
```

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(157, 161, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 200) }
```

Border

The CSS property to change the border of an element to XYZ 37.0748, 36.8280, 59.7980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

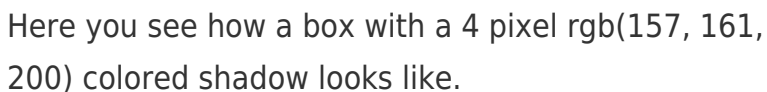
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 161, 200) }
```


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

```
.border{ border-color:rgb(157, 161, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 161, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 161, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 161, 200); box-shadow:4px 4px 4px 4px rgb(157, 161, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0748, 36.8280, 59.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 200) }
```

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

```
.background{ background-color: rgb(157,  
161, 200) }
```

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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