

Converting Colors

XYZ(37.2010, 39.5919, 60.3249)

Have a look what the booklet for
XYZ(37.2010, 39.5919, 60.3249)
contains.

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Color

**XYZ(37.2010, 39.5919,
60.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	94ABC8
RGB	148, 171, 200
RGB Percent	58%, 67%, 78%
CMY	0.4196, 0.3294, 0.2157
CMYK	0.26, 0.14, 0.00, 0.22
HSL	213°, 32%, 68%
HSV	213°, 26%, 78%
XYZ	37.2010, 39.5919, 60.3249
YIQ	167.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

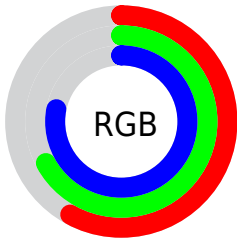
Format	Color
RYB	148, 164, 200
Decimal	9743304
CIELab	69.18, -1.40, -17.41
CIElCh	69, 17.462, 265.390
Yxy	39.5919, 0.2713, 0.2887
Android (android.graphics.Color)	4287933384 (0xFF94ABC8)
YUV	167.4290, 16.0575, -17.0392
Hunter-Lab	62.9221, -4.5803, -12.7973

Details

The XYZ color **37.2010, 39.5919, 60.3249** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8873, 45.8620, 34.5044**, and the grayscale version is **36.8729, 38.7932, 42.2458**.

A 20% lighter version of the original color is **69.8750, 74.3092, 105.2681**, and **16.6090, 17.7558, 29.7459** is the 20% darker color. If you saturate the color by 10%, you get **31.8728, 33.8493, 59.4980**, and if you desaturate by 10%, it is **43.3345, 46.0155, 61.2422**.

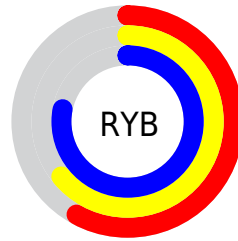
Distribution



Red (58%)

Green (67%)

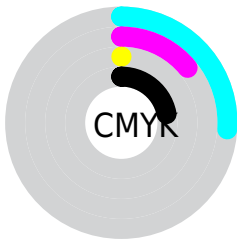
Blue (78%)



Red (58%)

Yellow (64%)

Blue (78%)

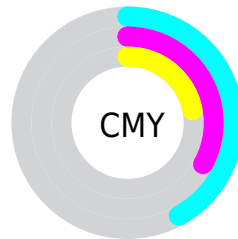


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2010, 39.5919, 60.3249 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 37.2010, 39.5919, 60.3249 by changing the saturation by 10% instead.

■ 37.2010, 39.5919,
60.3249

■ 37.2010, 39.5919,
60.3249

325.5204,
344.4005, 443.6322

■ 25.5375, 27.2205,
43.2536

■ 70.1936, 74.5417,
106.8488

■ 16.6089, 17.7389,
29.7512

■ 92.2535, 97.8888,
137.1385

■ 10.0496, 10.7627,
19.3994

118.5096,
125.6634, 172.6713

■ 5.4944, 5.9075,
11.7795

149.3273,
158.2497, 213.8659

■ 2.5778, 2.7889,
6.4730

185.0718,
196.0321, 261.1407

■ 0.9347, 1.0225,
3.0614

226.1086,

■ 0.0000, 0.0000,

239.3952, 314.9143

1.1261

272.8030,
288.7232, 375.6053

■ 0.0000, 0.0000,
0.0000

■ 37.2010, 39.5919,
60.3249

■ 37.2010, 39.5919,
60.3249

■ 31.8728, 33.8493,
59.4980

■ 43.3345, 46.0155,
61.2422

■ 27.3097, 28.7576,
58.7557

■ 50.3037, 53.1391,
62.2498

■ 23.4733, 24.2913,
58.0958

■ 58.1418, 60.9868,
63.3515

■ 20.3204, 20.4210,
57.5149

■ 66.8790, 69.5801,
64.5497

■ 17.8023, 17.1143,
57.0094

■ 76.5441, 78.9395,
65.8468

■ 15.8632, 14.3347,
56.5751

■ 82.2176, 86.5344,
67.0138

■ 14.4339, 12.0384,
56.2072

■ 85.5647, 93.2287,
68.1295

■ 13.9538, 11.2268,
56.0758

■ 87.4255, 96.9502,
68.7497

Harmonies

Analogous

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



34.6628, 39.5919, 57.0440



37.2010, 39.5919, 60.3249



39.9804, 39.5919, 58.5467

Triad

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



37.2010, 39.5919, 60.3249



42.6931, 39.5919, 36.8458



33.3825, 39.5919, 34.9512

Complementary

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



37.2010, 39.5919, 60.3249



44.8873, 45.8620, 34.5044

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.



35.3753, 39.5919, 30.6556



37.2010, 39.5919, 60.3249



40.7638, 39.5919, 31.6508

Square

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



37.2010, 39.5919, 60.3249



43.2406, 39.5919, 44.3567



38.0641, 39.5919, 29.5260



32.5287, 39.5919, 41.8847

Rectangle

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



37.2010, 39.5919, 60.3249



41.5842, 39.5919, 54.8350



38.0641, 39.5919, 29.5260



33.9364, 39.5919, 33.1863

Sweetspot

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



37.2022, 39.5935, 60.3258



84.4166, 89.2893, 107.3931



40.7639, 50.7637, 49.0370



17.6643, 18.7002, 22.9284



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.



37.2022, 39.5935, 60.3258



59.2169, 62.9916, 103.6453



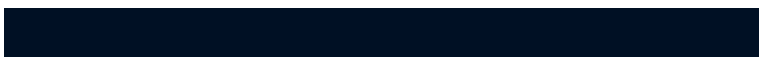
33.7046, 31.8921, 59.0236



10.4363, 11.0468, 13.4997



8.9585, 7.3109, 35.6833



0.4961, 0.4900, 1.7136

Inverse Universe

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



41.7610, 36.4005, 43.3548



68.5030, 56.9901, 68.9632



49.1312, 55.3718, 36.1163



10.8255, 10.7136, 12.0645



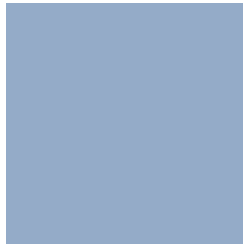
16.3212, 8.2780, 6.9011



0.8091, 0.4065, 0.5179

Previews

White Background



This preview shows how the XYZ color 37.2010, 39.5919, 60.3249 looks on a white background.

Color Contrast Check

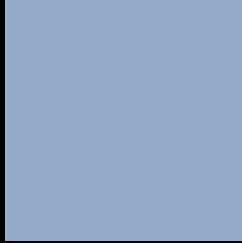
Large Text (above 18pt) WCAG AA × Fail

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 37.2010, 39.5919, 60.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

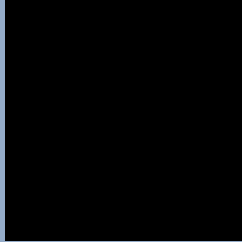
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

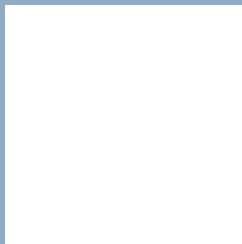
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2010, 39.5919, 60.3249

Background



This preview shows how black text looks on a background with the XYZ color 37.2010, 39.5919, 60.3249.



This preview shows how white text looks on a background with the XYZ color 37.2010, 39.5919,

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

37.2010, 39.5919, 60.3249

Protanopia

39.0010, 39.4552, 58.3834

Deuteranopia

40.3599, 39.5623, 60.7674



Tritanopia

35.5903, 39.4947, 52.7611

Trichromacy



Original Color

37.2010, 39.5919, 60.3249

Protanomaly

38.2962, 39.3516, 59.0033

Deuteranomaly

39.0593, 39.4315, 60.8107

Tritanomaly

36.1210, 39.4218, 55.5746

Monochromacy



Original Color

37.2010, 39.5919, 60.3249

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6365, 38.7335, 48.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2010, 39.5919, 60.3249 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(148, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 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(148, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 200) }
```

Border

The CSS property to change the border of an element to XYZ 37.2010, 39.5919, 60.3249 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(148, 171, 200) }
```


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

```
.border{ border-color:rgb(148, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2010, 39.5919, 60.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 171, 200) }
```

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

```
.background{ background-color: rgb(148,  
171, 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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