

Converting Colors

XYZ(36.3860, 36.9285, 50.9279)

Have a look what the booklet for
XYZ(36.3860, 36.9285, 50.9279)
contains.

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Color

**XYZ(36.3752, 36.9205,
51.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A2B9
RGB	161, 162, 185
RGB Percent	63%, 64%, 73%
CMY	0.3686, 0.3647, 0.2745
CMYK	0.13, 0.12, 0.00, 0.27
HSL	237°, 15%, 68%
HSV	237°, 13%, 73%
XYZ	36.3752, 36.9205, 51.1081
YIQ	164.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

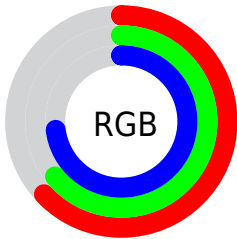
Format	Color
RYB	161, 162, 185
Decimal	10592953
CIELab	67.22, 4.32, -11.95
CIElCh	67, 12.710, 289.872
Yxy	36.9205, 0.2924, 0.2968
Android (android.graphics.Color)	4288783033 (0xFFA1A2B9)
YUV	164.3230, 10.1938, -2.9143
Hunter-Lab	60.7622, 0.5248, -7.3362

Details

The XYZ color **36.3752, 36.9205, 51.1081** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5812, 47.1682, 40.5263**, and the grayscale version is **35.3970, 37.2404, 40.5548**.

A 20% lighter version of the original color is **69.0089, 70.5755, 93.2044**, and **16.0475, 16.0690, 24.0856** is the 20% darker color. If you saturate the color by 10%, you get **30.0138, 29.3284, 49.9785**, and if you desaturate by 10%, it is **43.7307, 45.6806, 52.4119**.

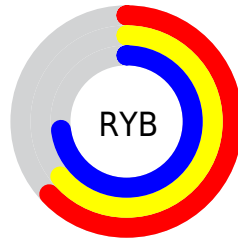
Distribution



Red (63%)

Green (64%)

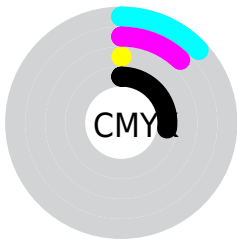
Blue (73%)



Red (63%)

Yellow (64%)

Blue (73%)

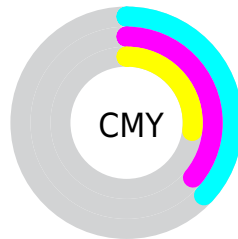


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3752, 36.9205, 51.1081 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 36.3752, 36.9205, 51.1081 by changing the saturation by 10% instead.

■ 36.3752, 36.9205,
51.1081

■ 36.3752, 36.9205,
51.1081

322.0002,
332.9662, 407.8422

■ 24.8956, 25.1459,
35.9173

■ 68.9309, 70.4505,
93.2277

■ 16.1276, 16.1858,
24.0812

■ 90.7376, 92.9747,
120.9936

■ 9.7059, 9.6557,
15.1811

116.7174,
119.8510, 153.7882

■ 5.2652, 5.1713,
8.7985

147.2357,
151.4636, 192.0302

■ 2.4400, 2.3481,
4.5150

182.6578,
188.1971, 236.1381

■ 0.8651, 0.7990,
1.9119

223.3490,

■ 0.0000, 0.0000,

230.4357, 286.5303

0.5003

269.6747,
278.5640, 343.6255

■ 0.0000, 0.0000,
0.0000

■ 36.3752, 36.9205,
51.1081

■ 36.3752, 36.9205,
51.1081

■ 30.0138, 29.3284,
49.9785

■ 43.7307, 45.6806,
52.4119

■ 24.6006, 22.8504,
49.0135

■ 52.1168, 55.6501,
53.8942

■ 20.0914, 17.4357,
48.2060

■ 61.5724, 66.8742,
55.5623

■ 16.4367, 13.0273,
47.5477

■ 72.1332, 79.3945,
57.4223

■ 13.5827, 9.5632,
47.0295

■ 83.8334, 93.2504,
59.4801

■ 11.4692, 6.9744,
46.6412

■ 85.7571, 96.2828,
59.9641

■ 10.0276, 5.1825,
46.3713

■ 9.1765, 4.0952,
46.2063

■ 8.8409, 3.6705,
46.1420

Harmonies

Analogous

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



34.4399, 36.9205, 51.6613



36.3752, 36.9205, 51.1081



38.0221, 36.9205, 47.4865

Triad

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



36.3752, 36.9205, 51.1081



37.5514, 36.9205, 32.5721



31.5461, 36.9205, 38.3505

Complementary

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



36.3752, 36.9205, 51.1081



43.5812, 47.1682, 40.5263

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.



32.3161, 36.9205, 33.7001



36.3752, 36.9205, 51.1081



35.7519, 36.9205, 30.5734

Square

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



36.3752, 36.9205, 51.1081



38.7184, 36.9205, 36.6768



33.8390, 36.9205, 30.9664



31.6991, 36.9205, 43.9422

Rectangle

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



36.3752, 36.9205, 51.1081



38.7123, 36.9205, 43.9899



33.8390, 36.9205, 30.9664



31.7045, 36.9205, 36.6346

Sweetspot

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



36.3763, 36.9220, 51.1089



76.7923, 79.9942, 93.5976



40.6783, 45.7279, 51.9205



16.3314, 16.9792, 20.1382



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.3763, 36.9220, 51.1089



61.2087, 61.4273, 90.8352



38.4719, 37.7413, 51.1566



8.5504, 8.7780, 11.3231



6.0332, 2.5261, 31.4227



0.2229, 0.1095, 1.1111

Inverse Universe

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



39.2749, 38.4135, 39.5287



67.5748, 64.7179, 65.3986



41.2828, 46.2934, 40.4786



9.0194, 9.0181, 9.4496



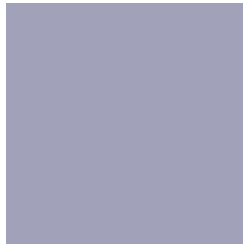
13.6590, 7.0373, 0.8250



0.4867, 0.2501, 0.0563

Previews

White Background



This preview shows how the XYZ color 36.3752, 36.9205, 51.1081 looks on a white background.

Color Contrast Check

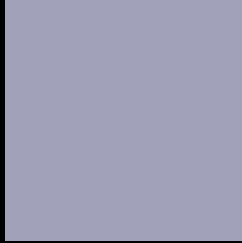
Large Text (above 18pt) WCAG AA × Fail

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 36.3752, 36.9205, 51.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

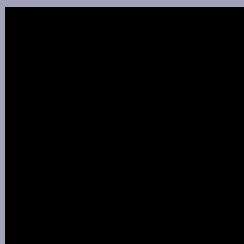
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3752, 36.9205, 51.1081

Background



This preview shows how black text looks on a background with the XYZ color 36.3752, 36.9205, 51.1081.



This preview shows how white text looks on a background with the XYZ color 36.3752, 36.9205,

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

36.3752, 36.9205, 51.1081

Protanopia

36.1745, 36.8170, 51.0987

Deuteranopia

37.6232, 36.7765, 51.5700



Tritanopia

35.4309, 36.8026, 46.3105

Trichromacy



Original Color

36.3752, 36.9205, 51.1081

Protanomaly

36.1745, 36.8170, 51.0987

Deuteranomaly

37.1596, 36.7938, 51.5978

Tritanomaly

35.7311, 36.9226, 47.8914

Monochromacy



Original Color

36.3752, 36.9205, 51.1081

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6478, 36.9595, 44.2848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3752, 36.9205, 51.1081 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(161, 162, 185)` looks like.

```
.text, #text, p{  
    color:rgb(161, 162, 185)  
}
```

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(161, 162, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 162, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.3752, 36.9205, 51.1081 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(161, 162, 185) }
```


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

```
.border{ border-color:rgb(161, 162, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 162, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 162, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 162, 185);  
box-shadow:4px 4px 4px 4px rgb(161, 162,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3752, 36.9205, 51.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 162, 185) }
```

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

```
.background{ background-color: rgb(161,  
162, 185) }
```

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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