

Converting Colors

XYZ(36.0470, 37.0260, 50.5943)

Have a look what the booklet for
XYZ(36.0470, 37.0260, 50.5943)
contains.

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Color

**XYZ(36.0470, 37.0260,
50.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA3B8
RGB	159, 163, 184
RGB Percent	62%, 64%, 72%
CMY	0.3765, 0.3608, 0.2784
CMYK	0.14, 0.11, 0.00, 0.28
HSL	230°, 15%, 67%
HSV	230°, 14%, 72%
XYZ	36.0470, 37.0260, 50.5943
YIQ	164.1980, -9.1250, 5.6830

Conversions

Conversions Part 2

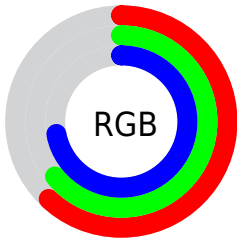
Format	Color
R_{YB}	159, 162, 184
Decimal	10462136
CIE _{Lab}	67.30, 2.88, -11.29
CIE _{LCh}	67, 11.657, 284.324
Yxy	37.0260, 0.2915, 0.2994
Android (android.graphics.Color)	4288652216 (0xFF9FA3B8)
YUV	164.1980, 9.7624, -4.5586
Hunter-Lab	60.8490, -0.7422, -6.7037

Details

The XYZ color **36.0470, 37.0260, 50.5943** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3467, 45.3359, 39.3205**, and the grayscale version is **35.3398, 37.1803, 40.4893**.

A 20% lighter version of the original color is **68.5311, 70.7302, 92.4784**, and **15.8446, 16.1334, 23.7517** is the 20% darker color. If you saturate the color by 10%, you get **30.0880, 30.1272, 49.5774**, and if you desaturate by 10%, it is **42.8867, 44.8786, 51.7501**.

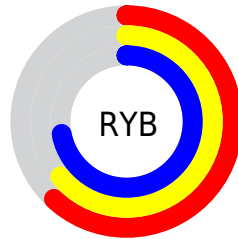
Distribution



Red (62%)

Green (64%)

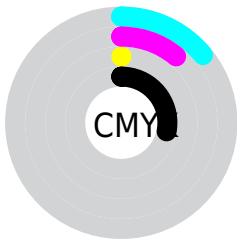
Blue (72%)



Red (62%)

Yellow (64%)

Blue (72%)

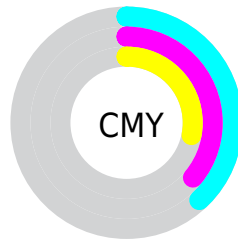


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0470, 37.0260, 50.5943 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 36.0470, 37.0260, 50.5943 by changing the saturation by 10% instead.

■ 36.0470, 37.0260,
50.5943

■ 36.0470, 37.0260,
50.5943

320.5936,
333.4231, 405.7869

■ 24.6408, 25.2276,
35.5114

■ 68.4280, 70.6128,
92.4601

■ 15.9369, 16.2467,
23.7703

■ 90.1335, 93.1700,
120.0801

■ 9.5701, 9.6989,
14.9527

116.0028,
120.0822, 152.7162

■ 5.1749, 5.1998,
8.6400

146.4012,
151.7339, 190.7869

■ 2.3861, 2.3650,
4.4135

181.6941,
188.5094, 234.7108

■ 0.8382, 0.8078,
1.8548

222.2470,

■ 0.0000, 0.0000,

230.7932, 284.9064

0.4638

268.4250,
278.9696, 341.7923

■ 0.0000, 0.0000,
0.0000

■ 36.0470, 37.0260,
50.5943

■ 36.0470, 37.0260,
50.5943

■ 30.0880, 30.1272,
49.5774

■ 42.8867, 44.8786,
51.7501

■ 24.9705, 24.1412,
48.6917

■ 50.6377, 53.7147,
53.0471

■ 20.6572, 19.0308,
47.9326

■ 59.3331, 63.5687,
54.4908

■ 17.1064, 14.7543,
47.2943

■ 69.0035, 74.4717,
56.0856

■ 14.2730, 11.2668,
46.7705

■ 79.6779, 86.4535,
57.8358

■ 12.1068, 8.5188,
46.3542

■ 85.6519, 96.2407,
59.4100

■ 10.5509, 6.4553,
46.0379

■ 9.5383, 5.0127,
45.8129

■ 9.1025, 4.3620,
45.7102

Harmonies

Analogous

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



34.2741, 37.0260, 50.5246



36.0470, 37.0260, 50.5943



37.6419, 37.0260, 47.7536

Triad

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



36.0470, 37.0260, 50.5943



37.7017, 37.0260, 33.8375



31.9939, 37.0260, 37.7203

Complementary

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



36.0470, 37.0260, 50.5943



42.3467, 45.3359, 39.3205

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.



32.8510, 37.0260, 33.6920



36.0470, 37.0260, 50.5943



36.1264, 37.0260, 31.5827

Square

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



36.0470, 37.0260, 50.5943



38.6189, 37.0260, 37.9347



34.3508, 37.0260, 31.5318



31.9743, 37.0260, 42.7929

Rectangle

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



36.0470, 37.0260, 50.5943



38.3727, 37.0260, 44.7197



34.3508, 37.0260, 31.5318



32.1923, 37.0260, 36.2095

Sweetspot

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



36.0481, 37.0275, 50.5951



77.1100, 80.6296, 93.7035



39.6605, 44.9411, 49.6759



16.4118, 17.1400, 20.1650



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.



36.0481, 37.0275, 50.5951



62.2958, 63.6015, 91.1976



37.0575, 36.5096, 50.4420



8.6342, 8.9455, 11.3510



6.3082, 3.0761, 31.5143



0.2589, 0.1816, 1.1231

Inverse Universe

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



38.7771, 37.6318, 39.8720



68.1235, 64.9374, 68.2881



41.2284, 45.9762, 39.5030



9.0617, 9.0350, 9.6722



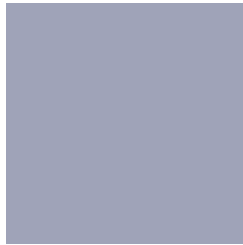
13.7978, 7.0929, 1.5559



0.5049, 0.2574, 0.1520

Previews

White Background



This preview shows how the XYZ color 36.0470, 37.0260, 50.5943 looks on a white background.

Color Contrast Check

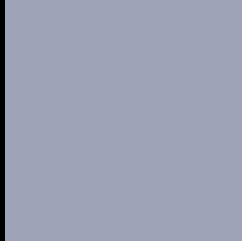
Large Text (above 18pt) WCAG AA × Fail

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 36.0470, 37.0260, 50.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

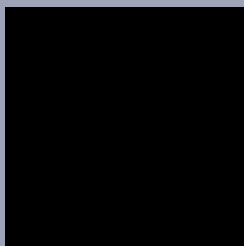
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

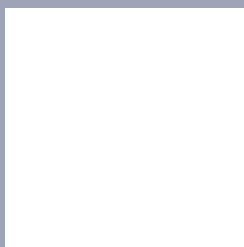
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0470, 37.0260, 50.5943

Background



This preview shows how black text looks on a background with the XYZ color 36.0470, 37.0260, 50.5943.



This preview shows how white text looks on a background with the XYZ color 36.0470, 37.0260,

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

36.0470, 37.0260, 50.5943

Protanopia

36.4469, 37.2321, 50.6130

Deuteranopia

37.7327, 36.8451, 51.0220



Tritanopia

35.3118, 36.9943, 46.8745

Trichromacy



Original Color

36.0470, 37.0260, 50.5943

Protanomaly

36.2461, 37.1287, 50.6036

Deuteranomaly

37.0536, 36.7514, 51.0397

Tritanomaly

35.6142, 37.1153, 48.4669

Monochromacy



Original Color

36.0470, 37.0260, 50.5943

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5264, 37.1726, 43.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0470, 37.0260, 50.5943 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(159, 163, 184)` looks like.

```
.text, #text, p{  
    color:rgb(159, 163, 184)  
}
```

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(159, 163, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 163, 184) }
```

Border

The CSS property to change the border of an element to XYZ 36.0470, 37.0260, 50.5943 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(159, 163, 184) }
```


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

```
.border{ border-color:rgb(159, 163, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 163, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 163, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 163, 184);  
box-shadow:4px 4px 4px 4px rgb(159, 163,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0470, 37.0260, 50.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 163, 184) }
```

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

```
.background{ background-color: rgb(159,  
163, 184) }
```

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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