

Converting Colors

XYZ(36.0881, 37.8594, 50.2053)

Have a look what the booklet for
XYZ(36.0881, 37.8594, 50.2053)
contains.

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Color

**XYZ(36.0881, 37.8594,
50.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA6B7
RGB	157, 166, 183
RGB Percent	62%, 65%, 72%
CMY	0.3843, 0.3490, 0.2823
CMYK	0.14, 0.09, 0.00, 0.28
HSL	219°, 15%, 67%
HSV	219°, 14%, 72%
XYZ	36.0881, 37.8594, 50.2053
YIQ	165.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

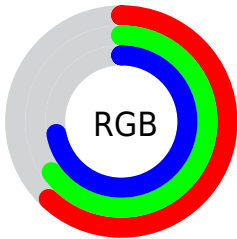
Format	Color
R_{YB}	157, 164, 183
Decimal	10331831
CIE Lab	67.92, 0.35, -9.83
CIE LCh	68, 9.833, 272.027
Yxy	37.8594, 0.2907, 0.3049
Android (android.graphics.Color)	4288521911 (0xFF9DA6B7)
YUV	165.2470, 8.7522, -7.2326
Hunter-Lab	61.5300, -2.9850, -5.3066

Details

The XYZ color **36.0881, 37.8594, 50.2053** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7506, 42.7737, 38.0075**, and the grayscale version is **35.8466, 37.7134, 41.0699**.

A 20% lighter version of the original color is **68.5878, 71.9419, 91.9326**, and **15.9904, 16.7105, 23.5018** is the 20% darker color. If you saturate the color by 10%, you get **30.7072, 32.0065, 49.3598**, and if you desaturate by 10%, it is **42.2084, 44.3958, 51.1450**.

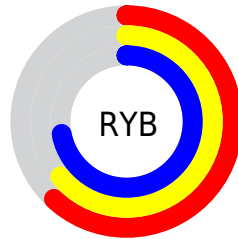
Distribution



Red (62%)

Green (65%)

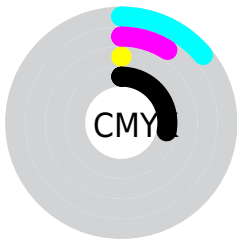
Blue (72%)



Red (62%)

Yellow (64%)

Blue (72%)

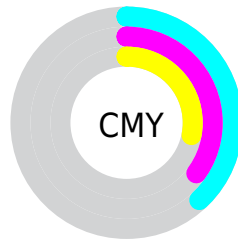


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0881, 37.8594, 50.2053 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 36.0881, 37.8594, 50.2053 by changing the saturation by 10% instead.

■ 36.0881, 37.8594,
50.2053

■ 36.0881, 37.8594,
50.2053

320.7700,
337.0164, 404.2263

■ 24.6727, 25.8736,
35.2042

■ 68.4910, 71.8926,
91.8784

■ 15.9608, 16.7291,
23.5354

■ 90.2092, 94.7087,
119.3875

■ 9.5871, 10.0415,
14.7804

116.0923,
121.9038, 151.9031

■ 5.1862, 5.4265,
8.5205

146.5058,
153.8622, 189.8436

■ 2.3928, 2.4996,
4.3372

181.8149,
190.9682, 233.6277

■ 0.8415, 0.8764,
1.8121

222.3851,

■ 0.0000, 0.0000,

233.6063, 283.6738

0.4359

268.5817,
282.1610, 340.4005

■ 0.0000, 0.0000,
0.0000

■ 36.0881, 37.8594,
50.2053

■ 36.0881, 37.8594,
50.2053

■ 30.7072, 32.0065,
49.3598

■ 42.2084, 44.3958,
51.1450

■ 26.0331, 26.8092,
48.6030

■ 49.0922, 51.6331,
52.1791

■ 22.0358, 22.2446,
47.9326

■ 56.7667, 59.5937,
53.3112

■ 18.6816, 18.2862,
47.3453

■ 65.2566, 68.2977,
54.5437

■ 15.9336, 14.9058,
46.8377

■ 74.5857, 77.7644,
55.8793

■ 13.7512, 12.0725,
46.4058

■ 80.3002, 85.7047,
57.1107

■ 12.0878, 9.7518,
46.0455

■ 83.8960, 92.8962,
58.3093

■ 10.8885, 7.9042,
45.7521

■ 85.5474, 96.1989,
58.8598

■ 10.3449, 7.0140,
45.6090

Harmonies

Analogous

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



34.6252, 37.8594, 49.0996



36.0881, 37.8594, 50.2053



37.5631, 37.8594, 48.7664

Triad

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



36.0881, 37.8594, 50.2053



38.5300, 37.8594, 36.9240



33.4541, 37.8594, 37.4045

Complementary

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



36.0881, 37.8594, 50.2053



40.7506, 42.7737, 38.0075

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.



34.4503, 37.8594, 34.4996



36.0881, 37.8594, 50.2053



37.3784, 37.8594, 34.2363

Square

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



36.0881, 37.8594, 50.2053



38.9975, 37.8594, 40.9260



35.8805, 37.8594, 33.3806



33.1303, 37.8594, 41.5204

Rectangle

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



36.0881, 37.8594, 50.2053



38.3475, 37.8594, 46.6131



35.8805, 37.8594, 33.3806



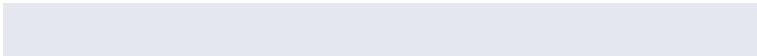
33.7201, 37.8594, 36.2643

Sweetspot

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



36.0892, 37.8610, 50.2061



75.7579, 79.6852, 91.6236



38.4691, 44.0879, 46.4763



16.5396, 17.3955, 20.2075



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.



36.0892, 37.8610, 50.2061



61.5335, 64.4569, 89.4340



35.2828, 35.1004, 49.7158



8.7686, 9.2144, 11.3958



7.2752, 5.0100, 31.8367



0.3156, 0.2949, 1.1420

Inverse Universe

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



38.4693, 36.9353, 41.1798



66.6358, 62.5805, 70.0591



41.6335, 45.8976, 38.5639



9.1295, 9.0622, 10.0296



14.2858, 7.2881, 4.1261



0.5335, 0.2689, 0.3027

Previews

White Background



This preview shows how the XYZ color 36.0881, 37.8594, 50.2053 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 36.0881, 37.8594, 50.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

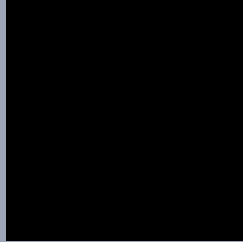
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

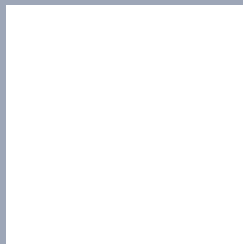
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0881, 37.8594, 50.2053

Background



This preview shows how black text looks on a background with the XYZ color 36.0881, 37.8594, 50.2053.



This preview shows how white text looks on a background with the XYZ color 36.0881, 37.8594,

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

36.0881, 37.8594, 50.2053

Protanopia

36.8232, 37.7148, 49.5949

Deuteranopia

38.6302, 37.8347, 50.6142



Tritanopia

35.7672, 38.0006, 48.6297

Trichromacy



Original Color

36.0881, 37.8594, 50.2053

Protanomaly

36.5966, 37.8647, 49.6357

Deuteranomaly

37.6853, 37.8706, 50.6709

Tritanomaly

35.8695, 38.0415, 49.1683

Monochromacy



Original Color

36.0881, 37.8594, 50.2053

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8018, 37.5702, 44.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0881, 37.8594, 50.2053 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, 166, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 166, 183)  
}
```

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, 166, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 166, 183) }
```

Border

The CSS property to change the border of an element to XYZ 36.0881, 37.8594, 50.2053 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, 166, 183) }
```


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

```
.border{ border-color:rgb(157, 166, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 166, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 166, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 166, 183);  
box-shadow:4px 4px 4px 4px rgb(157, 166,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0881, 37.8594, 50.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 166, 183) }
```

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

```
.background{ background-color: rgb(157,  
166, 183) }
```

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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