

Converting Colors

XYZ(36.3164, 36.9672, 52.2357)

Have a look what the booklet for
XYZ(36.3164, 36.9672, 52.2357)
contains.

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Color

**XYZ(36.1880, 36.7994,
52.2094)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA2BB
RGB	159, 162, 187
RGB Percent	62%, 64%, 73%
CMY	0.3765, 0.3647, 0.2667
CMYK	0.15, 0.13, 0.00, 0.27
HSL	234°, 17%, 68%
HSV	234°, 15%, 73%
XYZ	36.1880, 36.7994, 52.2094
YIQ	163.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

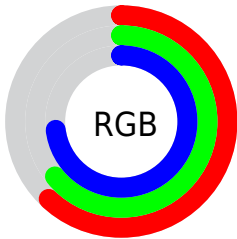
Format	Color
R_{YB}	159, 162, 187
Decimal	10461883
CIE _{Lab}	67.13, 4.09, -13.22
CIE _{LCh}	67, 13.837, 287.189
Y _{xy}	36.7994, 0.2890, 0.2939
Android (android.graphics.Color)	4288651963 (0xFF9FA2BB)
YUV	163.9530, 11.3622, -4.3438
Hunter-Lab	60.6625, 0.3241, -8.5644

Details

The XYZ color **36.1880, 36.7994, 52.2094** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8922, 47.3488, 39.6275**, and the grayscale version is **35.2161, 37.0501, 40.3476**.

A 20% lighter version of the original color is **68.7221, 70.3929, 94.7592**, and **15.9424, 15.9989, 24.8021** is the 20% darker color. If you saturate the color by 10%, you get **30.0084, 29.5348, 51.1335**, and if you desaturate by 10%, it is **43.3213, 45.1372, 53.4434**.

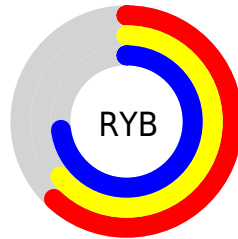
Distribution



Red (62%)

Green (64%)

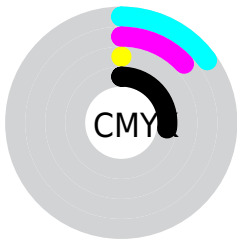
Blue (73%)



Red (62%)

Yellow (64%)

Blue (73%)

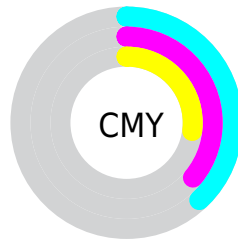


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1880, 36.7994, 52.2094 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 36.1880, 36.7994, 52.2094 by changing the saturation by 10% instead.

■ 36.1880, 36.7994,
52.2094

■ 36.1880, 36.7994,
52.2094

321.1984,
332.4412, 412.2244

■ 24.7502, 25.0522,
36.7886

■ 68.6441, 70.2642,
94.8697

■ 16.0188, 16.1160,
24.7494

■ 90.3931, 92.7505,
122.9463

■ 9.6284, 9.6062,
15.6731

116.3100,
119.5854, 156.0786

■ 5.2136, 5.1387,
9.1413

146.7599,
151.1532, 194.6852

■ 2.4092, 2.3289,
4.7354

182.1084,
187.8382, 239.1845

■ 0.8497, 0.7889,
2.0368

222.7208,

■ 0.0000, 0.0000,

230.0250, 289.9951

0.5778

268.9623,
278.0979, 347.5355

■ 0.0000, 0.0000,
0.0000

■ 36.1880, 36.7994,
52.2094

■ 36.1880, 36.7994,
52.2094

■ 30.0084, 29.5348,
51.1335

■ 43.3213, 45.1372,
53.4434

■ 24.7389, 23.2953,
50.2069

■ 51.4429, 54.5846,
54.8389

■ 20.3371, 18.0359,
49.4237

■ 60.5898, 65.1819,
56.4023

■ 16.7563, 13.7067,
48.7768

■ 70.7961, 76.9661,
58.1389

■ 13.9451, 10.2530,
48.2583

■ 82.0944, 89.9725,
60.0539

■ 11.8464, 7.6146,
47.8597

■ 85.9698, 96.3679,
61.0841

■ 10.3950, 5.7235,
47.5712

■ 9.5132, 4.5002,
47.3815

■ 9.2208, 4.0900,
47.3178

Harmonies

Analogous

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



34.0859, 36.7994, 52.4836



36.1880, 36.7994, 52.2094



38.0345, 36.7994, 48.4839

Triad

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



36.1880, 36.7994, 52.2094



37.8035, 36.7994, 32.1433



31.1723, 36.7994, 37.5497

Complementary

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



36.1880, 36.7994, 52.2094



43.8922, 47.3488, 39.6275

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.



32.0874, 36.7994, 32.6876



36.1880, 36.7994, 52.2094



35.8830, 36.7994, 29.7837

Square

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



36.1880, 36.7994, 52.2094



38.9926, 36.7994, 36.7355



33.7928, 36.7994, 29.9724



31.2465, 36.7994, 43.5968

Rectangle

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



36.1880, 36.7994, 52.2094



38.8466, 36.7994, 44.7381



33.7928, 36.7994, 29.9724



31.3728, 36.7994, 35.7353

Sweetspot

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



36.1891, 36.8009, 52.2102



78.8342, 82.2930, 95.9305



40.6929, 46.3618, 52.0056



17.1313, 17.8550, 21.0860



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.1891, 36.8009, 52.2102



60.9553, 61.3827, 92.8368



37.8884, 36.9012, 52.1400



9.0967, 9.3856, 12.0044



6.3799, 2.8714, 32.6109



0.2777, 0.1681, 1.2867

Inverse Universe

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



39.4141, 37.9705, 39.4358



67.8634, 63.9323, 65.4635



41.9938, 47.3057, 39.7192



9.5706, 9.5526, 10.1280



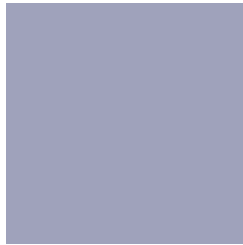
14.2210, 7.3196, 1.1916



0.5711, 0.2923, 0.1205

Previews

White Background



This preview shows how the XYZ color 36.1880, 36.7994, 52.2094 looks on a white background.

Color Contrast Check

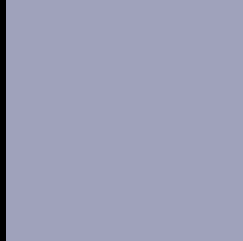
Large Text (above 18pt) WCAG AA × Fail

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 36.1880, 36.7994, 52.2094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

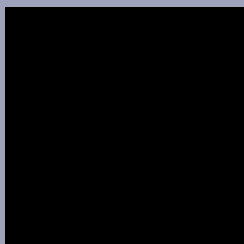
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

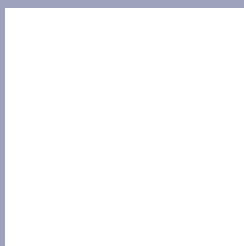
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1880, 36.7994, 52.2094

Background



This preview shows how black text looks on a background with the XYZ color 36.1880, 36.7994, 52.2094.



This preview shows how white text looks on a background with the XYZ color 36.1880, 36.7994,

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

36.1880, 36.7994, 52.2094

Protanopia

36.1880, 36.7994, 52.2094

Deuteranopia

37.6237, 36.7519, 52.6878



Tritanopia

35.1159, 36.8933, 46.8653

Trichromacy



Original Color

36.1880, 36.7994, 52.2094

Protanomaly

36.1880, 36.7994, 52.2094

Deuteranomaly

37.1650, 36.7718, 52.7158

Tritanomaly

35.5382, 36.7997, 48.9460

Monochromacy



Original Color

36.1880, 36.7994, 52.2094

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4439, 36.8543, 44.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1880, 36.7994, 52.2094 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, 162, 187)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 187)  
}
```

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, 162, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 187) }
```

Border

The CSS property to change the border of an element to XYZ 36.1880, 36.7994, 52.2094 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, 162, 187) }
```


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

```
.border{ border-color:rgb(159, 162, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 162, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 162, 187); box-shadow:4px 4px 4px 4px rgb(159, 162, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1880, 36.7994, 52.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 187) }
```

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

```
.background{ background-color: rgb(159,  
162, 187) }
```

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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