

Converting Colors

XYZ(32.6536, 37.7567, 36.7071)

Have a look what the booklet for
XYZ(32.6536, 37.7567, 36.7071)
contains.

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Color

**XYZ(32.6920, 37.7883,
36.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	94AB9B
RGB	148, 171, 155
RGB Percent	58%, 67%, 61%
CMY	0.4196, 0.3294, 0.3922
CMYK	0.13, 0.00, 0.09, 0.33
HSL	138°, 12%, 63%
HSV	138°, 13%, 67%
XYZ	32.6920, 37.7883, 36.5812
YIQ	162.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

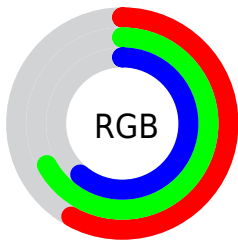
Format	Color
RYB	148, 166, 171
Decimal	9743259
CIELab	67.86, -11.16, 5.56
CIELCh	68, 12.466, 153.528
Yxy	37.7883, 0.3054, 0.3530
Android (android.graphics.Color)	4287933339 (0xFF94AB9B)
YUV	162.2990, -3.5984, -12.5402
Hunter-Lab	61.4722, -12.6469, 7.7479

Details

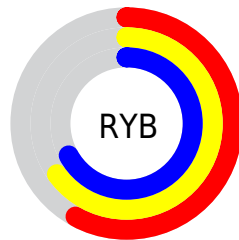
The XYZ color **32.6920, 37.7883, 36.5812** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0866, 32.5189, 39.6037**, and the grayscale version is **34.5029, 36.2997, 39.5304**.

A 20% lighter version of the original color is **63.0621, 71.5527, 70.8089**, and **14.0253, 16.7345, 15.5876** is the 20% darker color. If you saturate the color by 10%, you get **28.8742, 35.9310, 31.4420**, and if you desaturate by 10%, it is **37.0673, 39.9237, 42.2620**.

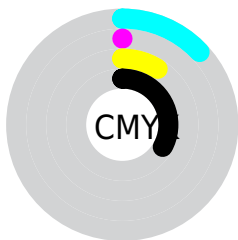
Distribution



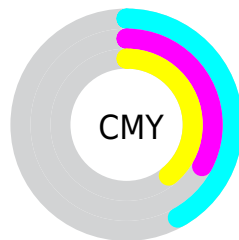
- Red (58%)
- Green (67%)
- Blue (61%)



- Red (58%)
- Yellow (65%)
- Blue (67%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)





- Cyan (42%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6920, 37.7883, 36.5812 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 32.6920, 37.7883, 36.5812 by changing the saturation by 10% instead.


 32.6920, 37.7883,
36.5812


 32.6920, 37.7883,
36.5812


305.9492,
336.7110, 346.6077

 22.0487, 25.8184,
24.5902


 63.2523, 71.7835,
71.1073

 14.0095, 16.6879,
15.5557


 83.9000, 94.5777,
94.4795

 8.2090, 10.0122,
9.0594


108.6131,
121.7487, 122.4824

 4.2819, 5.4070,
4.6826

137.7572,
153.6810, 155.5346

 1.8628, 2.4880,
2.0068

171.6975,
190.7590, 194.0548

 0.5551, 0.8706,
0.5595

210.7993,

 0.0000, 0.0000,

233.3671, 238.4613

0.0000

255.4281,
281.8896, 289.1728

■ 32.6920, 37.7883,
36.5812

■ 32.6920, 37.7883,
36.5812

■ 28.8742, 35.9310,
31.4420

■ 37.0673, 39.9237,
42.2620

■ 25.5880, 34.3357,
26.8259

■ 42.0185, 42.3433,
48.4970

■ 22.8101, 32.9917,
22.7173

■ 47.5669, 45.0587,
55.3016

■ 20.5140, 31.8857,
19.0985

■ 53.7318, 48.0797,
62.6899

■ 18.6710, 31.0034,
15.9511

■ 60.5316, 51.4154,
70.6755

■ 17.2490, 30.3285,
13.2555

■ 67.9839, 55.0747,
79.2713

■ 16.2116, 29.8428,
10.9903

■ 71.2767, 56.5765,
88.2642

■ 15.5155, 29.5243,
9.1327

■ 73.0858, 57.3002,
97.7909

■ 15.1845, 29.3756,
8.1236

■ 73.8537, 57.6073,
101.8346

Harmonies

Analogous

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



33.9031, 37.7883, 32.8960



32.6920, 37.7883, 36.5812



32.3340, 37.7883, 41.8034

Triad

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



32.6920, 37.7883, 36.5812



36.1458, 37.7883, 52.7071



39.1042, 37.7883, 35.5425

Complementary

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



32.6920, 37.7883, 36.5812



34.0866, 32.5189, 39.6037

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.



39.7546, 37.7883, 40.4937



32.6920, 37.7883, 36.5812



38.0084, 37.7883, 50.6693

Square

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



32.6920, 37.7883, 36.5812



34.2856, 37.7883, 51.4253



39.3467, 37.7883, 46.0735



37.5986, 37.7883, 32.3351

Rectangle

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



32.6920, 37.7883, 36.5812



32.6163, 37.7883, 45.5411



39.3467, 37.7883, 46.0735



39.4325, 37.7883, 37.0413

Sweetspot

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



32.6930, 37.7899, 36.5820



65.8680, 71.2466, 75.0272



35.2401, 39.1689, 33.7203



14.5531, 15.8220, 16.5574



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.6930, 37.7899, 36.5820



56.5133, 66.6848, 62.8104



33.6965, 38.1913, 41.8663



8.0011, 8.9780, 9.0308



11.4673, 22.1522, 6.2342



0.3437, 0.6261, 0.3033

Inverse Universe

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



34.0866, 32.5189, 39.6037



59.4757, 55.4786, 69.2329



33.1024, 32.1252, 34.4207



8.2317, 8.1059, 9.5309



15.1932, 7.5398, 13.9285



0.4455, 0.2189, 0.5076

Previews

White Background



This preview shows how the XYZ color 32.6920, 37.7883, 36.5812 looks on a white background.

Color Contrast Check

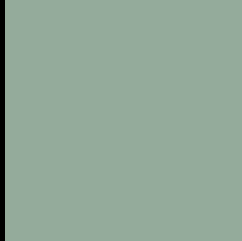
Large Text (above 18pt) WCAG AA × Fail

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 32.6920, 37.7883, 36.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

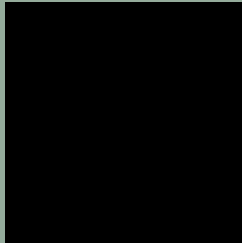
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6920, 37.7883, 36.5812

Background



This preview shows how black text looks on a background with the XYZ color 32.6920, 37.7883, 36.5812.



This preview shows how white text looks on a background with the XYZ color 32.6920, 37.7883,

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

32.6920, 37.7883, 36.5812

Protanopia

35.6560, 37.4432, 34.6261

Deuteranopia

38.2511, 37.4209, 37.1052



Tritanopia

35.1081, 37.6490, 49.1327

Trichromacy



Original Color

32.6920, 37.7883, 36.5812

Protanomaly

34.5905, 37.6910, 35.1577

Deuteranomaly

35.8925, 37.2526, 36.7512

Tritanomaly

34.2115, 37.5631, 44.4770

Monochromacy



Original Color

32.6920, 37.7883, 36.5812

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.6178, 36.5816, 38.0900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6920, 37.7883, 36.5812 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, 155) looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.6920, 37.7883, 36.5812 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, 155) }
```


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

```
.border{ border-color:rgb(148, 171, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6920, 37.7883, 36.5812 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, 155) }
```

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

```
.background{ background-color: rgb(148,  
171, 155) }
```

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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