

Converting Colors

XYZ(32.7920, 37.8173, 36.8091)

Have a look what the booklet for
XYZ(32.7920, 37.8173, 36.8091)
contains.

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Color

**XYZ(32.7764, 37.8220,
37.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	94AB9C
RGB	148, 171, 156
RGB Percent	58%, 67%, 61%
CMY	0.4196, 0.3294, 0.3882
CMYK	0.13, 0.00, 0.09, 0.33
HSL	141°, 12%, 63%
HSV	141°, 13%, 67%
XYZ	32.7764, 37.8220, 37.0254
YIQ	162.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

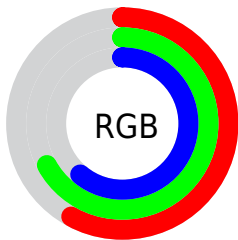
Format	Color
RYB	148, 165, 171
Decimal	9743260
CIELab	67.89, -10.97, 5.04
CIELCh	68, 12.068, 155.317
Yxy	37.8220, 0.3045, 0.3514
Android (android.graphics.Color)	4287933340 (0xFF94AB9C)
YUV	162.4130, -3.1616, -12.6402
Hunter-Lab	61.4996, -12.4922, 7.3546

Details

The XYZ color **32.7764, 37.8220, 37.0254** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9967, 32.4830, 39.1300**, and the grayscale version is **34.5546, 36.3541, 39.5896**.

A 20% lighter version of the original color is **63.1863, 71.6024, 71.4631**, and **14.0764, 16.7550, 15.8567** is the 20% darker color. If you saturate the color by 10%, you get **29.0075, 35.9843, 32.1436**, and if you desaturate by 10%, it is **37.0911, 39.9332, 42.3870**.

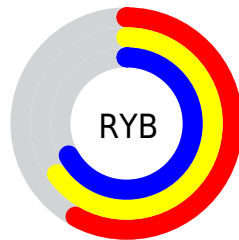
Distribution



Red (58%)

Green (67%)

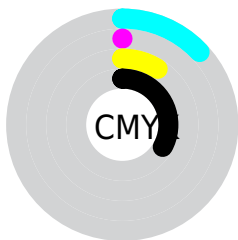
Blue (61%)



Red (58%)

Yellow (65%)

Blue (67%)

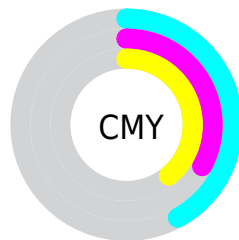


Cyan (13%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7764, 37.8220, 37.0254 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 32.7764, 37.8220, 37.0254 by changing the saturation by 10% instead.

■ 32.7764, 37.8220,
37.0254

■ 32.7764, 37.8220,
37.0254

306.3238,
336.8558, 348.5925

■ 22.1136, 25.8446,
24.9312

■ 63.3833, 71.8352,
71.7986

■ 14.0575, 16.7074,
15.8073

■ 84.0581, 94.6398,
95.3147

■ 8.2426, 10.0261,
9.2350

108.8010,
121.8222, 123.4752

■ 4.3037, 5.4163,
4.7959

137.9773,
153.7669, 156.6987

■ 1.8753, 2.4935,
2.0714

171.9524,
190.8582, 195.4036

■ 0.5624, 0.8734,
0.5986

211.0916,

■ 0.0000, 0.0000,

233.4805, 240.0085

0.0000

255.7603,
282.0182, 290.9319

■ 32.7764, 37.8220,
37.0254

■ 32.7764, 37.8220,
37.0254

■ 29.0075, 35.9843,
32.1436

■ 37.0911, 39.9332,
42.3870

■ 25.7590, 34.4040,
27.7261

■ 41.9695, 42.3236,
48.2387

■ 23.0081, 33.0708,
23.7598

■ 47.4325, 45.0049,
54.5933

■ 20.7289, 31.9716,
20.2303

■ 53.4988, 47.9864,
61.4627

■ 18.8934, 31.0923,
17.1224

■ 60.1866, 51.2773,
68.8581

■ 17.4701, 30.4169,
14.4199

■ 67.5129, 54.8862,
76.7906

■ 16.4234, 29.9274,
12.1057

■ 70.6653, 56.3319,
85.0448

■ 15.7107, 29.6023,
10.1611

■ 72.3194, 56.9936,
93.7556

■ 15.3654, 29.4480,
9.0766

■ 73.8536, 57.6072,
101.8345

Harmonies

Analogous

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



33.9078, 37.8220, 33.3303



32.7764, 37.8220, 37.0254



32.4826, 37.8220, 42.1444

Triad

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



32.7764, 37.8220, 37.0254



36.2833, 37.8220, 52.3218



38.9663, 37.8220, 35.5054

Complementary

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



32.7764, 37.8220, 37.0254



33.9967, 32.4830, 39.1300

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.



39.6529, 37.8220, 40.2338



32.7764, 37.8220, 37.0254



38.0699, 37.8220, 50.1784

Square

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



32.7764, 37.8220, 37.0254



34.4665, 37.8220, 51.2761



39.3193, 37.8220, 45.6380



37.4728, 37.8220, 32.5075

Rectangle

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



32.7764, 37.8220, 37.0254



32.7923, 37.8220, 45.7490



39.3193, 37.8220, 45.6380



39.3014, 37.8220, 36.9290

Sweetspot

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



32.7774, 37.8236, 37.0262



65.9178, 71.2665, 75.2896



35.0822, 39.0875, 33.7131



14.5662, 15.8272, 16.6261



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.



32.7774, 37.8236, 37.0262



56.6912, 66.7560, 63.7472



33.7674, 38.2196, 42.2391



8.0152, 8.9836, 9.1051



11.6055, 22.2075, 6.9622



0.3491, 0.6283, 0.3321

Inverse Universe

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



33.9967, 32.4830, 39.1300



59.2831, 55.4016, 68.2187



33.0395, 32.1001, 34.0895



8.2170, 8.1000, 9.4533



14.8711, 7.4110, 12.2327



0.4382, 0.2160, 0.4693

Previews

White Background



This preview shows how the XYZ color 32.7764, 37.8220, 37.0254 looks on a white background.

Color Contrast Check

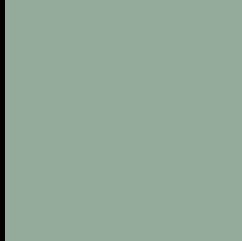
Large Text (above 18pt) WCAG AA × Fail

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 32.7764, 37.8220, 37.0254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

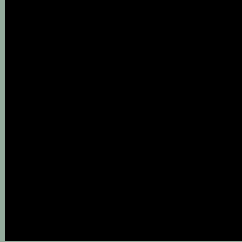
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7764, 37.8220, 37.0254

Background



This preview shows how black text looks on a background with the XYZ color 32.7764, 37.8220, 37.0254.



This preview shows how white text looks on a background with the XYZ color 32.7764, 37.8220,

37.0254.

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

32.7764, 37.8220, 37.0254

Protanopia

35.9995, 37.8681, 35.5489

Deuteranopia

38.5095, 37.8006, 37.6143



Tritanopia

35.1081, 37.6490, 49.1327

Trichromacy



Original Color

32.7764, 37.8220, 37.0254

Protanomaly

34.7557, 37.7571, 36.0279

Deuteranomaly

36.1558, 37.6432, 37.2585

Tritanomaly

34.2115, 37.5631, 44.4770

Monochromacy



Original Color

32.7764, 37.8220, 37.0254

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.7049, 36.6164, 38.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7764, 37.8220, 37.0254 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.7764, 37.8220, 37.0254 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, 156) }
```


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

```
.border{ border-color:rgb(148, 171, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 156);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7764, 37.8220, 37.0254 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, 156) }
```

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

```
.background{ background-color: rgb(148,  
171, 156) }
```

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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