

Converting Colors

XYZ(32.7510, 37.6900, 42.4081)

Have a look what the booklet for
XYZ(32.7510, 37.6900, 42.4081)
contains.

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Color

**XYZ(32.7861, 37.7038,
42.5953)**

Conversions

Conversions Part 1

Format	Color
Hex	8EABA8
RGB	142, 171, 168
RGB Percent	56%, 67%, 66%
CMY	0.4431, 0.3294, 0.3412
CMYK	0.17, 0.00, 0.02, 0.33
HSL	174°, 15%, 61%
HSV	174°, 17%, 67%
XYZ	32.7861, 37.7038, 42.5953
YIQ	161.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

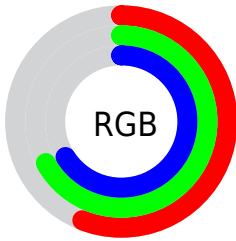
Format	Color
RYB	142, 157, 171
Decimal	9350056
CIELab	67.80, -10.55, -1.79
CIElCh	68, 10.704, 189.611
Yxy	37.7038, 0.2899, 0.3334
Android (android.graphics.Color)	4287540136 (0xFF8EABA8)
YUV	161.9870, 2.9644, -17.5286
Hunter-Lab	61.4034, -12.1467, 1.8532

Details

The XYZ color **32.7861, 37.7038, 42.5953** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.5798, 30.0492, 30.9253**, and the grayscale version is **34.3295, 36.1173, 39.3317**.

A 20% lighter version of the original color is **63.2806, 71.4562, 80.2692**, and **14.0636, 16.6788, 19.0011** is the 20% darker color. If you saturate the color by 10%, you get **29.9108, 36.2414, 41.6063**, and if you desaturate by 10%, it is **36.1160, 39.4022, 43.6189**.

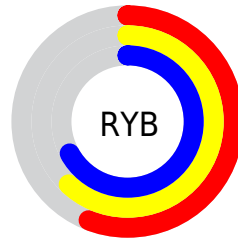
Distribution



Red (56%)

Green (67%)

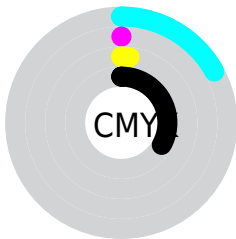
Blue (66%)



Red (56%)

Yellow (62%)

Blue (67%)

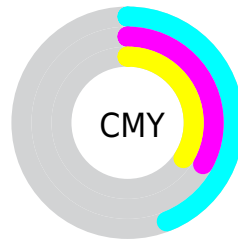


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7861, 37.7038, 42.5953 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 32.7861, 37.7038, 42.5953 by changing the saturation by 10% instead.

■ 32.7861, 37.7038,
42.5953

■ 32.7861, 37.7038,
42.5953

306.3668,
336.3476, 372.8170

■ 22.1211, 25.7529,
29.2387

■ 63.3984, 71.6539,
80.3796

■ 14.0630, 16.6389,
19.0143

■ 84.0763, 94.4219,
105.6443

■ 8.2465, 9.9773,
11.5037

■ 108.8226,
121.5644, 135.7155

■ 4.3062, 5.3839,
6.2883

138.0026,
153.4657, 171.0117

■ 1.8768, 2.4742,
2.9496

171.9817,
190.5103, 211.9514

■ 0.5633, 0.8637,
1.0689

211.1252,

■ 0.0000, 0.0000,

233.0826, 258.9531

0.0000

255.7984,
281.5669, 312.4355

■ 32.7861, 37.7038,
42.5953

■ 32.7861, 37.7038,
42.5953

■ 29.9108, 36.2414,
41.6063

■ 36.1160, 39.4022,
43.6189

■ 27.4662, 34.9999,
40.6483

■ 39.9163, 41.3419,
44.6755

■ 25.4316, 33.9694,
39.7212

■ 44.2063, 43.5338,
45.7668

■ 23.7829, 33.1376,
38.8237

■ 49.0028, 45.9865,
46.8937

■ 22.4935, 32.4909,
37.9546

■ 54.3224, 48.7086,
48.0569

■ 21.5337, 32.0137,
37.1123

■ 60.1803, 51.7080,
49.2574

■ 20.8687, 31.6883,
36.2954

■ 64.0821, 53.6986,
50.3782

■ 20.4479, 31.4885,
35.5012

■ 64.2642, 53.7715,
51.3370

■ 20.3382, 31.4371,
35.2629

■ 64.4485, 53.8452,
52.3080

Harmonies

Analogous

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



32.9323, 37.7038, 37.9557



32.7861, 37.7038, 42.5953



33.4376, 37.7038, 47.1493

Triad

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



32.7861, 37.7038, 42.5953



37.9062, 37.7038, 48.4908



36.9577, 37.7038, 33.0808

Complementary

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



32.7861, 37.7038, 42.5953



31.5798, 30.0492, 30.9253

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.



38.3471, 37.7038, 35.5063



32.7861, 37.7038, 42.5953



38.9063, 37.7038, 44.3145

Square

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



32.7861, 37.7038, 42.5953



36.3709, 37.7038, 50.7220



39.0701, 37.7038, 39.5484



35.3070, 37.7038, 32.6982

Rectangle

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



32.7861, 37.7038, 42.5953



34.2488, 37.7038, 49.4372



39.0701, 37.7038, 39.5484



37.4722, 37.7038, 33.6748

Sweetspot

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



32.7872, 37.7054, 42.5961



65.8874, 71.1806, 78.4649



31.1912, 37.1351, 31.1155



14.5941, 15.8230, 17.4695



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.



32.7872, 37.7054, 42.5961



56.8802, 66.5896, 75.6757



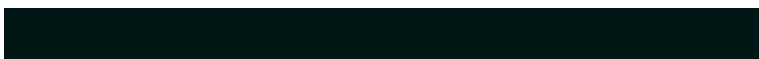
31.0577, 33.7935, 43.4159



8.2001, 9.0576, 10.0785



15.3426, 23.7023, 26.6414



0.4368, 0.6634, 0.7940

Inverse Universe

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



31.5798, 30.0492, 30.9253



54.3465, 50.5206, 51.1830



33.0887, 33.4328, 30.3009



8.0377, 8.0283, 8.5093



12.7510, 6.5630, 1.0685



0.3652, 0.1868, 0.0850

Previews

White Background



This preview shows how the XYZ color 32.7861, 37.7038, 42.5953 looks on a white background.

Color Contrast Check

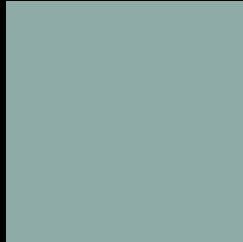
Large Text (above 18pt) WCAG AA × Fail

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 32.7861, 37.7038, 42.5953 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

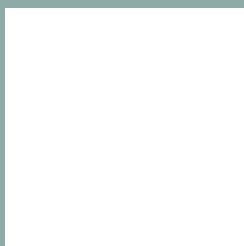
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7861, 37.7038, 42.5953

Background



This preview shows how black text looks on a background with the XYZ color 32.7861, 37.7038, 42.5953.

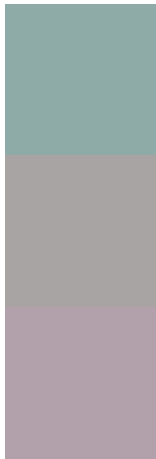


This preview shows how white text looks on a background with the XYZ color 32.7861, 37.7038,

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

32.7861, 37.7038, 42.5953

Protanopia

36.1247, 37.5561, 40.4670

Deuteranopia

38.1866, 37.5089, 43.2575



Tritanopia

34.3085, 37.7731, 49.7386

Trichromacy



Original Color

32.7861, 37.7038, 42.5953

Protanomaly

34.9083, 37.7250, 41.0391

Deuteranomaly

35.9539, 37.4148, 42.8629

Tritanomaly

33.8121, 37.8531, 47.1193

Monochromacy



Original Color

32.7861, 37.7038, 42.5953

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.6735, 36.5592, 40.4038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7861, 37.7038, 42.5953 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(142, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(142, 171, 168)  
}
```

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(142, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 171, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.7861, 37.7038, 42.5953 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(142, 171, 168) }
```


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

```
.border{ border-color:rgb(142, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 171, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 171, 168); box-shadow:4px 4px 4px 4px rgb(142, 171, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7861, 37.7038, 42.5953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 171, 168) }
```

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

```
.background{ background-color: rgb(142,  
171, 168) }
```

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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