

Converting Colors

XYZ(32.9148, 34.9319, 42.2002)

Have a look what the booklet for
XYZ(32.9148, 34.9319, 42.2002)
contains.

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Color

**XYZ(32.7756, 34.7411,
42.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	99A0A8
RGB	153, 160, 168
RGB Percent	60%, 63%, 66%
CMY	0.4000, 0.3725, 0.3412
CMYK	0.09, 0.05, 0.00, 0.34
HSL	212°, 8%, 63%
HSV	212°, 9%, 66%
XYZ	32.7756, 34.7411, 42.0240
YIQ	158.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

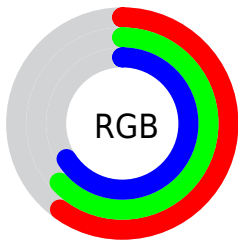
Format	Color
RYB	153, 158, 168
Decimal	10068136
CIELab	65.55, -0.87, -5.02
CIELCh	66, 5.093, 260.157
Yxy	34.7411, 0.2992, 0.3172
Android (android.graphics.Color)	4288258216 (0xFF99A0A8)
YUV	158.8190, 4.5262, -5.1033
Hunter-Lab	58.9416, -3.8894, -1.0133

Details

The XYZ color **32.7756, 34.7411, 42.0240** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6433, 36.1143, 35.2826**, and the grayscale version is **32.8550, 34.5660, 37.6424**.

A 20% lighter version of the original color is **63.3518, 67.1940, 79.4428**, and **14.1005, 15.0230, 18.6796** is the 20% darker color. If you saturate the color by 10%, you get **28.3282, 30.2265, 41.3875**, and if you desaturate by 10%, it is **37.7834, 39.7126, 42.7202**.

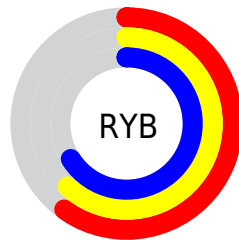
Distribution



Red (60%)

Green (63%)

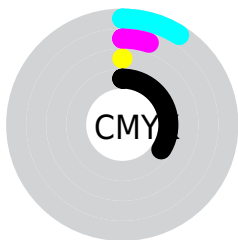
Blue (66%)



Red (60%)

Yellow (62%)

Blue (66%)

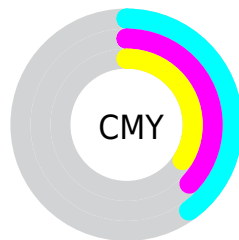


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (34%)



Cyan (40%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7756, 34.7411, 42.0240 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 32.7756, 34.7411, 42.0240 by changing the saturation by 10% instead.

■ 32.7756, 34.7411,
42.0240

■ 32.7756, 34.7411,
42.0240

306.3203,
323.4241, 370.3850

■ 22.1130, 23.4635,
28.7944

■ 63.3821, 67.0845,
79.5064

■ 14.0570, 14.9361,
18.6811

■ 84.0566, 88.9191,
104.5963

■ 8.2423, 8.7746,
11.2656

108.7992,
115.0415, 134.4767

■ 4.3035, 4.5944,
6.1294

137.9752,
145.8360, 169.5661

■ 1.8752, 2.0113,
2.8538

171.9500,
181.6872, 210.2831

■ 0.5624, 0.6140,
1.0205

211.0888,

■ 0.0000, 0.0000,

222.9793, 257.0462

0.0000

255.7571,
270.0968, 310.2740

■ 32.7756, 34.7411,
42.0240

■ 32.7756, 34.7411,
42.0240

■ 28.3282, 30.2265,
41.3875

■ 37.7834, 39.7126,
42.7202

■ 24.4172, 26.1501,
40.8068

■ 43.3684, 45.1502,
43.4754

■ 21.0214, 22.4983,
40.2810

■ 49.5502, 51.0682,
44.2919

■ 18.1170, 19.2552,
39.8081

■ 56.3467, 57.4791,
45.1711

■ 15.6778, 16.4034,
39.3862

■ 63.7750, 64.3946,
46.1144

■ 13.6753, 13.9242,
39.0132

■ 71.8515, 71.8264,
47.1232

■ 12.0775, 11.7969,
38.6868

■ 74.6170, 76.7053,
47.9192

■ 10.8469, 9.9978,
38.4044

■ 77.0698, 81.6108,
48.7367

■ 9.9145, 8.4868,
38.1619

■ 79.6510, 86.7732,
49.5971

Harmonies

Analogous

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



32.1092, 34.7411, 41.0723



32.7756, 34.7411, 42.0240



33.5175, 34.7411, 41.8191

Triad

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



32.7756, 34.7411, 42.0240



34.3863, 34.7411, 36.4281



31.9304, 34.7411, 35.2539

Complementary

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



32.7756, 34.7411, 42.0240



34.6433, 36.1143, 35.2826

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.



32.5282, 34.7411, 34.0977



32.7756, 34.7411, 42.0240



33.9486, 34.7411, 34.7576

Square

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



32.7756, 34.7411, 42.0240



34.4550, 34.7411, 38.5343



33.2664, 34.7411, 33.9195



31.6261, 34.7411, 37.1287

Rectangle

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



32.7756, 34.7411, 42.0240



33.9548, 34.7411, 41.0569



33.2664, 34.7411, 33.9195



32.1033, 34.7411, 34.7714

Sweetspot

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



32.7766, 34.7426, 42.0248



64.6881, 68.2401, 76.9873



33.5511, 37.3426, 39.0429



13.9424, 14.7179, 16.7581



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.7766, 34.7426, 42.0248



57.5541, 61.1099, 75.9871



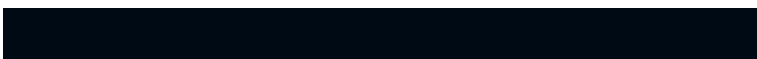
31.6439, 32.4070, 41.6337



7.4097, 7.8563, 9.5442



7.4682, 6.3966, 28.8165



0.2332, 0.2587, 0.7183

Inverse Universe

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



33.8857, 33.6461, 37.9678



60.0525, 58.6938, 66.8360



35.8482, 38.6031, 35.6994



7.6714, 7.5984, 8.5867



13.2702, 6.7168, 6.2344



0.3489, 0.1738, 0.2886

Previews

White Background



This preview shows how the XYZ color 32.7756, 34.7411, 42.0240 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 32.7756, 34.7411, 42.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

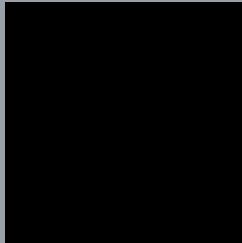
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

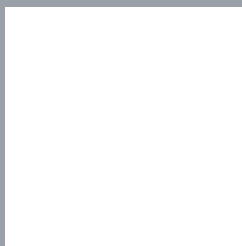
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7756, 34.7411, 42.0240

Background



This preview shows how black text looks on a background with the XYZ color 32.7756, 34.7411, 42.0240.



This preview shows how white text looks on a background with the XYZ color 32.7756, 34.7411,

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

32.7756, 34.7411, 42.0240

Protanopia

33.6991, 34.7173, 41.4842

Deuteranopia

35.2946, 34.5218, 42.3393



Tritanopia

33.1710, 34.6449, 43.9686

Trichromacy



Original Color

32.7756, 34.7411, 42.0240

Protanomaly

33.2778, 34.7544, 41.5136

Deuteranomaly

34.3597, 34.5340, 42.3909

Tritanomaly

33.0752, 34.6066, 43.4646

Monochromacy



Original Color

32.7756, 34.7411, 42.0240

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8244, 34.5730, 39.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7756, 34.7411, 42.0240 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(153, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(153, 160, 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(153, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.7756, 34.7411, 42.0240 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(153, 160, 168) }
```


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

```
.border{ border-color:rgb(153, 160, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(153, 160,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7756, 34.7411, 42.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 160, 168) }
```

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

```
.background{ background-color: rgb(153,  
160, 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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