

Converting Colors

XYZ(30.7923, 35.4038, 37.5584)

Have a look what the booklet for
XYZ(30.7923, 35.4038, 37.5584)
contains.

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Color

**XYZ(30.7923, 35.4038,
37.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA69E
RGB	141, 166, 158
RGB Percent	55%, 65%, 62%
CMY	0.4471, 0.3490, 0.3804
CMYK	0.15, 0.00, 0.05, 0.35
HSL	161°, 12%, 60%
HSV	161°, 15%, 65%
XYZ	30.7923, 35.4038, 37.5584
YIQ	157.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

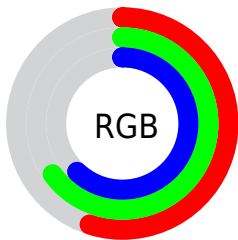
Format	Color
RYB	141, 156, 166
Decimal	9283230
CIELab	66.06, -10.31, 1.22
CIELCh	66, 10.384, 173.241
Yxy	35.4038, 0.2968, 0.3412
Android (android.graphics.Color)	4287473310 (0xFF8DA69E)
YUV	157.6130, 0.1908, -14.5696
Hunter-Lab	59.5011, -11.7517, 4.2256

Details

The XYZ color **30.7923, 35.4038, 37.5584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6769, 29.3276, 32.4794**, and the grayscale version is **32.3282, 34.0118, 37.0388**.

A 20% lighter version of the original color is **60.3724, 68.1191, 72.9171**, and **12.9855, 15.3203, 16.1826** is the 20% darker color. If you saturate the color by 10%, you get **27.7312, 33.8784, 35.0796**, and if you desaturate by 10%, it is **34.2983, 37.1582, 40.1628**.

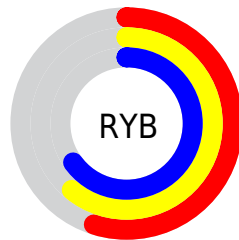
Distribution



Red (55%)

Green (65%)

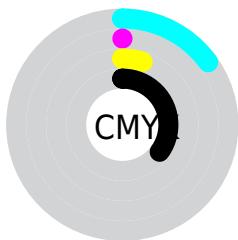
Blue (62%)



Red (55%)

Yellow (61%)

Blue (65%)

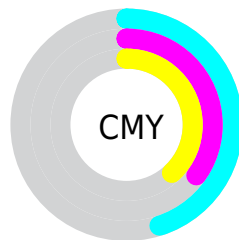


Cyan (15%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7923, 35.4038, 37.5584 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 30.7923, 35.4038, 37.5584 by changing the saturation by 10% instead.

■ 30.7923, 35.4038,
37.5584

■ 30.7923, 35.4038,
37.5584

297.4243,
326.3471, 350.9630

■ 20.5918, 23.9741,
25.3410

■ 60.2910, 68.1108,
72.6267

■ 12.9367, 15.3144,
16.1099

■ 80.3199, 90.1570,
96.3146

■ 7.4617, 9.0403,
9.4468

■ 104.3556,
116.5107, 124.6631

■ 3.8013, 4.7675,
4.9330

132.7635,
147.5564, 158.0907

■ 1.5904, 2.1115,
2.1499

165.9090,
183.6785, 197.0159

■ 0.3861, 0.6711,
0.6453

204.1574,

■ 0.0000, 0.0000,

225.2614, 241.8574

0.0000

247.8740,
272.6895, 293.0336

■ 30.7923, 35.4038,
37.5584

■ 30.7923, 35.4038,
37.5584

■ 27.7312, 33.8784,
35.0796

■ 34.2983, 37.1582,
40.1628

■ 25.0929, 32.5678,
32.7218

■ 38.2641, 39.1463,
42.8924

■ 22.8581, 31.4629,
30.4835

■ 42.7074, 41.3783,
45.7502

■ 21.0046, 30.5525,
28.3623

■ 47.6442, 43.8623,
48.7380

■ 19.5080, 29.8238,
26.3558

■ 53.0898, 46.6062,
51.8579

■ 18.3411, 29.2629,
24.4613

■ 59.0587, 49.6174,
55.1115

■ 17.4723, 28.8537,
22.6758

■ 64.7492, 52.4827,
58.4627

■ 16.8626, 28.5759,
20.9962

■ 65.3617, 52.7277,
61.6878

■ 16.6102, 28.4631,
20.2030

■ 65.9957, 52.9813,
65.0267

Harmonies

Analogous

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



31.3314, 35.4038, 33.6893



30.7923, 35.4038, 37.5584



31.0000, 35.4038, 41.9957

Triad

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



30.7923, 35.4038, 37.5584



34.8332, 35.4038, 46.8850



35.4551, 35.4038, 32.1410

Complementary

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



30.7923, 35.4038, 37.5584



30.6769, 29.3276, 32.4794

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.



36.4474, 35.4038, 35.2957



30.7923, 35.4038, 37.5584



36.0808, 35.4038, 43.8543

Square

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



30.7923, 35.4038, 37.5584



33.3027, 35.4038, 47.6062



36.6798, 35.4038, 39.5563



34.0003, 35.4038, 30.7198

Rectangle

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



30.7923, 35.4038, 37.5584



31.5372, 35.4038, 44.6603



36.6798, 35.4038, 39.5563



35.8556, 35.4038, 33.0218

Sweetspot

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



30.7933, 35.4053, 37.5592



62.2237, 67.4246, 72.8728



30.9005, 35.6181, 30.4462



13.8225, 15.0373, 16.2345



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.



30.7933, 35.4053, 37.5592



53.9784, 63.3028, 66.6655



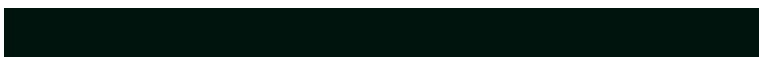
30.7596, 34.1993, 41.0581



7.6438, 8.4906, 9.1106



12.9017, 22.0795, 15.7812



0.3357, 0.5459, 0.4985

Inverse Universe

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



30.6769, 29.3276, 32.4794



53.7274, 50.1763, 55.6962



30.6857, 30.3329, 29.4374



7.6264, 7.5804, 8.3497



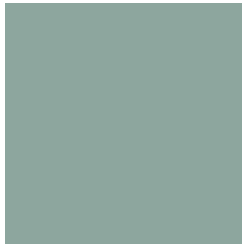
12.7146, 6.4946, 3.3087



0.3325, 0.1673, 0.2023

Previews

White Background



This preview shows how the XYZ color 30.7923, 35.4038, 37.5584 looks on a white background.

Color Contrast Check

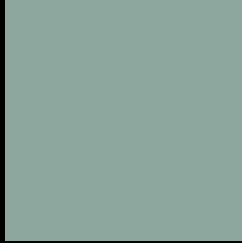
Large Text (above 18pt) WCAG AA × Fail

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 30.7923, 35.4038, 37.5584 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

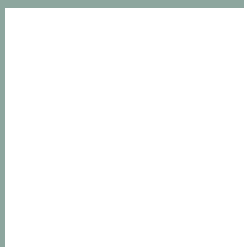
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7923, 35.4038, 37.5584

Background



This preview shows how black text looks on a background with the XYZ color 30.7923, 35.4038, 37.5584.



This preview shows how white text looks on a background with the XYZ color 30.7923, 35.4038,

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

30.7923, 35.4038, 37.5584

Protanopia

33.7134, 35.3672, 35.6215

Deuteranopia

35.9710, 35.2109, 38.1582



Tritanopia

32.4353, 35.2583, 46.1703

Trichromacy



Original Color

30.7923, 35.4038, 37.5584

Protanomaly

32.5470, 35.2751, 36.1037

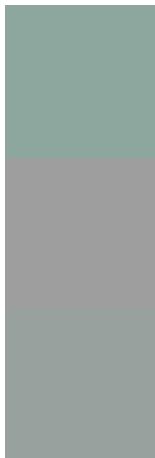
Deuteranomaly

33.7604, 35.0860, 37.7938

Tritanomaly

31.7646, 35.2551, 42.6669

Monochromacy



Original Color

30.7923, 35.4038, 37.5584

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8653, 34.6338, 37.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7923, 35.4038, 37.5584 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(141, 166, 158) looks like.

```
.text, #text, p{  
    color:rgb(141, 166, 158)  
}
```

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(141, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.7923, 35.4038, 37.5584 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(141, 166, 158) }
```


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

```
.border{ border-color:rgb(141, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(141, 166,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7923, 35.4038, 37.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 158) }
```

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

```
.background{ background-color: rgb(141,  
166, 158) }
```

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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