

Converting Colors

XYZ(30.5061, 34.9852, 43.1220)

Have a look what the booklet for
XYZ(30.5061, 34.9852, 43.1220)
contains.

XYZ(30.3837, 34.7991, 43.1457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3837, 34.7991,
43.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	85A5AA
RGB	133, 165, 170
RGB Percent	52%, 65%, 67%
CMY	0.4784, 0.3529, 0.3333
CMYK	0.22, 0.03, 0.00, 0.33
HSL	188°, 18%, 59%
HSV	188°, 22%, 67%
XYZ	30.3837, 34.7991, 43.1457
YIQ	156.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

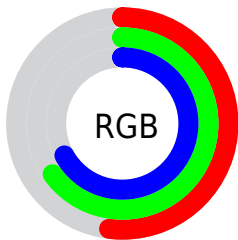
Format	Color
RYB	133, 150, 170
Decimal	8758698
CIELab	65.59, -9.81, -6.22
CIElCh	66, 11.620, 212.390
Yxy	34.7991, 0.2805, 0.3212
Android (android.graphics.Color)	4286948778 (0xFF85A5AA)
YUV	156.0020, 6.9010, -20.1728
Hunter-Lab	58.9908, -11.2959, -2.0710

Details

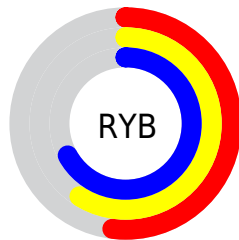
The XYZ color **30.3837, 34.7991, 43.1457** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9000, 28.4165, 26.1000**, and the grayscale version is **31.5784, 33.2230, 36.1798**.

A 20% lighter version of the original color is **59.6773, 67.1874, 81.0573**, and **12.6548, 14.9121, 19.3509** is the 20% darker color. If you saturate the color by 10%, you get **27.5037, 32.7059, 42.8940**, and if you desaturate by 10%, it is **33.7075, 37.1339, 43.4217**.

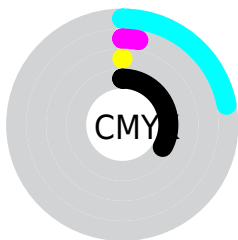
Distribution



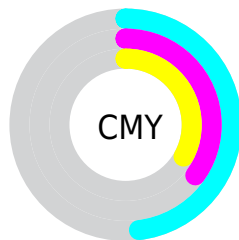
- Red (52%)
- Green (65%)
- Blue (67%)



- Red (52%)
- Yellow (59%)
- Blue (67%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3837, 34.7991, 43.1457 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 30.3837, 34.7991, 43.1457 by changing the saturation by 10% instead.

■ 30.3837, 34.7991,
43.1457

■ 30.3837, 34.7991,
43.1457

■ 295.5667,
323.6807, 375.1494

■ 20.2795, 23.5082,
29.6672

■ 59.6509, 67.1744,
81.2194

■ 12.7078, 14.9692,
19.3362

■ 79.5447, 89.0276,
106.6517

■ 7.3033, 8.7978,
11.7342

■ 103.4323,
115.1703, 136.9056

■ 3.7005, 4.6095,
6.4426

■ 131.6793,
145.9869, 172.3998

■ 1.5341, 2.0200,
3.0429

■ 164.6508,
181.8619, 213.5527

■ 0.3489, 0.6191,
1.1166

■ 202.7123,

■ 0.0000, 0.0000,

223.1796, 260.7829

0.0000

246.2292,
270.3244, 314.5090

■ 30.3837, 34.7991,
43.1457

■ 30.3837, 34.7991,
43.1457

■ 27.5037, 32.7059,
42.8940

■ 33.7075, 37.1339,
43.4217

■ 25.0437, 30.8393,
42.6634

■ 37.4917, 39.7163,
43.7207

■ 22.9820, 29.1890,
42.4535

■ 41.7555, 42.5570,
44.0443

■ 21.2939, 27.7421,
42.2632

■ 46.5164, 45.6652,
44.3934

■ 19.9516, 26.4844,
42.0912

■ 51.7906, 49.0493,
44.7686

■ 18.9239, 25.3995,
41.9360

■ 57.5939, 52.7175,
45.1707

■ 18.1732, 24.4682,
41.7958

■ 63.9413, 56.6776,
45.6006

■ 17.6954, 23.7816,
41.6884

■ 65.5065, 58.1837,
45.8088

■ 65.9853, 59.1413,
45.9684

Harmonies

Analogous

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



29.9069, 34.7991, 38.2833



30.3837, 34.7991, 43.1457



31.5793, 34.7991, 46.8340

Triad

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



30.3837, 34.7991, 43.1457



36.0664, 34.7991, 42.4103



32.9389, 34.7991, 29.2623

Complementary

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



30.3837, 34.7991, 43.1457



29.9000, 28.4165, 26.1000

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.



34.6182, 34.7991, 30.1645



30.3837, 34.7991, 43.1457



36.4603, 34.7991, 37.5000

Square

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



30.3837, 34.7991, 43.1457



34.8629, 34.7991, 46.3844



35.9218, 34.7991, 33.0800



31.3502, 34.7991, 30.5022

Rectangle

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



30.3837, 34.7991, 43.1457



32.6433, 34.7991, 47.9794



35.9218, 34.7991, 33.0800



33.5115, 34.7991, 29.3251

Sweetspot

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



30.3847, 34.8005, 43.1465



64.2356, 69.4901, 79.0292



28.6309, 35.5697, 29.3768



14.2381, 15.4373, 17.6170



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.



30.3847, 34.8005, 43.1465



52.5709, 61.2992, 78.0630



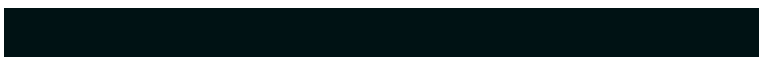
27.2957, 28.6224, 42.1168



7.6599, 8.3567, 9.6276



13.0464, 17.5530, 30.6759



0.3404, 0.4731, 0.7540

Inverse Universe

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



31.7574, 28.0385, 39.3371



55.5291, 46.9754, 69.7981



32.7731, 34.1628, 27.0577



7.7977, 7.6489, 9.2517



16.0858, 7.8430, 21.0613



0.4030, 0.1955, 0.5736

Previews

White Background



This preview shows how the XYZ color 30.3837, 34.7991, 43.1457 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 30.3837, 34.7991, 43.1457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

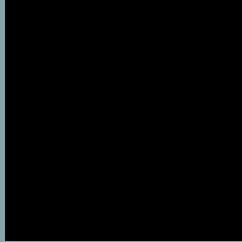
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3837, 34.7991, 43.1457

Background



This preview shows how black text looks on a background with the XYZ color 30.3837, 34.7991, 43.1457.



This preview shows how white text looks on a background with the XYZ color 30.3837, 34.7991,

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

30.3837, 34.7991, 43.1457

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

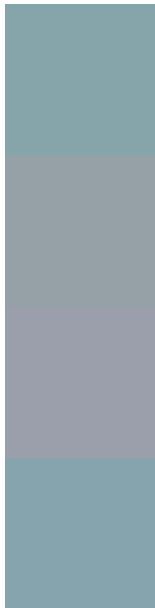
35.1504, 34.4146, 43.8198



Tritanopia

31.0428, 34.7936, 46.6747

Trichromacy



Original Color

30.3837, 34.7991, 43.1457

Protanomaly

32.2976, 34.7638, 41.5670

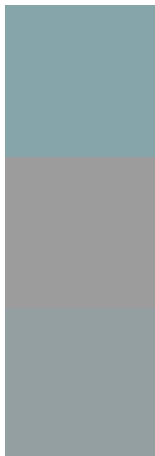
Deuteranomaly

33.0951, 34.3626, 43.4164

Tritanomaly

30.7470, 34.6752, 45.1169

Monochromacy



Original Color

30.3837, 34.7991, 43.1457

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0439, 33.6654, 38.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3837, 34.7991, 43.1457 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(133, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(133, 165, 170)  
}
```

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(133, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 30.3837, 34.7991, 43.1457 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(133, 165, 170) }
```


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

```
.border{ border-color:rgb(133, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(133, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3837, 34.7991, 43.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 165, 170) }
```

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

```
.background{ background-color: rgb(133,  
165, 170) }
```

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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