

Converting Colors

XYZ(31.1154, 34.3758, 43.4334)

Have a look what the booklet for
XYZ(31.1154, 34.3758, 43.4334)
contains.

XYZ(31.0862, 34.3564, 43.5211)	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(31.0862, 34.3564,
43.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA2AB
RGB	140, 162, 171
RGB Percent	55%, 64%, 67%
CMY	0.4510, 0.3647, 0.3294
CMYK	0.18, 0.05, 0.00, 0.33
HSL	197°, 16%, 61%
HSV	197°, 18%, 67%
XYZ	31.0862, 34.3564, 43.5211
YIQ	156.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

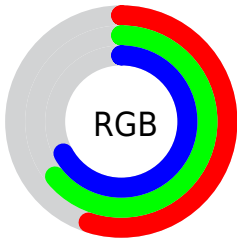
Format	Color
RYB	140, 153, 171
Decimal	9216683
CIELab	65.24, -5.70, -7.25
CIELCh	65, 9.221, 231.823
Yxy	34.3564, 0.2853, 0.3153
Android (android.graphics.Color)	4287406763 (0xFF8CA2AB)
YUV	156.4480, 7.1741, -14.4249
Hunter-Lab	58.6143, -7.9073, -2.9927

Details

The XYZ color **31.0862, 34.3564, 43.5211** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2758, 32.0461, 29.2959**, and the grayscale version is **31.7750, 33.4297, 36.4050**.

A 20% lighter version of the original color is **60.7885, 66.5860, 81.6000**, and **13.0255, 14.6076, 19.5858** is the 20% darker color. If you saturate the color by 10%, you get **27.5689, 31.2716, 43.1116**, and if you desaturate by 10%, it is **35.0879, 37.7439, 43.9646**.

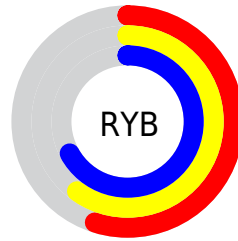
Distribution



Red (55%)

Green (64%)

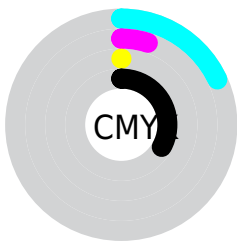
Blue (67%)



Red (55%)

Yellow (60%)

Blue (67%)

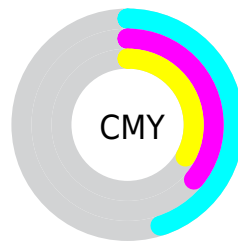


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0862, 34.3564, 43.5211 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 31.0862, 34.3564, 43.5211 by changing the saturation by 10% instead.

■ 31.0862, 34.3564,
43.5211

■ 31.0862, 34.3564,
43.5211

298.7550,
321.7183, 376.7344

■ 20.8166, 23.1675,
29.9598

■ 60.7507, 66.4875,
81.7914

■ 13.1017, 14.7173,
19.5563

■ 80.8763, 88.1986,
107.3375

■ 7.5761, 8.6212,
11.8920

■ 105.0180,
114.1858, 137.7155

■ 3.8744, 4.4949,
6.5486

133.5411,
144.8336, 173.3441

■ 1.6314, 1.9541,
3.1073

166.8111,
180.5263, 214.6417

■ 0.4127, 0.5806,
1.1497

205.1931,

■ 0.0000, 0.0000,

221.6484, 262.0269

0.0000

249.0526,
268.5843, 315.9183

■ 31.0862, 34.3564,
43.5211

■ 31.0862, 34.3564,
43.5211

■ 27.5689, 31.2716,
43.1116

■ 35.0879, 37.7439,
43.9646

■ 24.5118, 28.4738,
42.7327

■ 39.5905, 41.4406,
44.4408

■ 21.8934, 25.9523,
42.3840

■ 44.6137, 45.4580,
44.9515

■ 19.6891, 23.6936,
42.0642

■ 50.1749, 49.8057,
45.4976

■ 17.8715, 21.6832,
41.7720

■ 56.2910, 54.4929,
46.0799

■ 16.4099, 19.9045,
41.5057

■ 62.9778, 59.5283,
46.6995

■ 15.2686, 18.3384,
41.2636

■ 68.4995, 64.0177,
47.2750

■ 14.3870, 16.9533,
41.0427

■ 69.6432, 66.3052,
47.6562

■ 14.2331, 16.7049,
41.0028

■ 70.8244, 68.6675,
48.0499

Harmonies

Analogous

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



30.3182, 34.3564, 40.2221



31.0862, 34.3564, 43.5211



32.2892, 34.3564, 45.2072

Triad

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



31.0862, 34.3564, 43.5211



35.2750, 34.3564, 38.4689



31.7052, 34.3564, 30.9609

Complementary

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



31.0862, 34.3564, 43.5211



32.2758, 32.0461, 29.2959

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.



33.0230, 34.3564, 30.5622



31.0862, 34.3564, 43.5211



35.1083, 34.3564, 34.7288

Square

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



31.0862, 34.3564, 43.5211



34.7247, 34.3564, 42.1626



34.2751, 34.3564, 31.8964



30.6687, 34.3564, 33.0255

Rectangle

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



31.0862, 34.3564, 43.5211



33.1861, 34.3564, 45.1147



34.2751, 34.3564, 31.8964



32.1291, 34.3564, 30.6336

Sweetspot

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



31.0872, 34.3578, 43.5219



65.1945, 69.5494, 78.9901



30.7862, 36.8649, 33.8367



14.4191, 15.4110, 17.6023



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.



31.0872, 34.3578, 43.5219



52.8867, 59.1128, 77.6244



28.5562, 29.2957, 42.6782



8.0370, 8.6734, 10.2032



10.7764, 12.6866, 30.9253



0.3438, 0.4409, 0.8750

Inverse Universe

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



32.6950, 30.0234, 38.2560



56.3764, 49.9481, 66.1404



34.8550, 37.2044, 30.1556



8.2365, 8.1078, 9.5561



15.3031, 7.5838, 14.5073



0.4479, 0.2198, 0.5204

Previews

White Background



This preview shows how the XYZ color 31.0862, 34.3564, 43.5211 looks on a white background.

Color Contrast Check

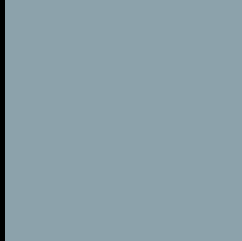
Large Text (above 18pt) WCAG AA × Fail

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 31.0862, 34.3564, 43.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

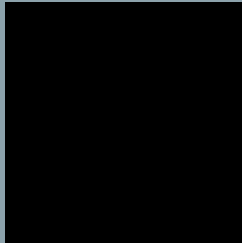
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

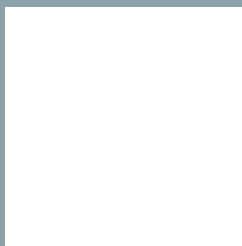
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0862, 34.3564, 43.5211

Background



This preview shows how black text looks on a background with the XYZ color 31.0862, 34.3564, 43.5211.



This preview shows how white text looks on a background with the XYZ color 31.0862, 34.3564,

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

31.0862, 34.3564, 43.5211

Protanopia

33.2254, 34.2102, 41.8978

Deuteranopia

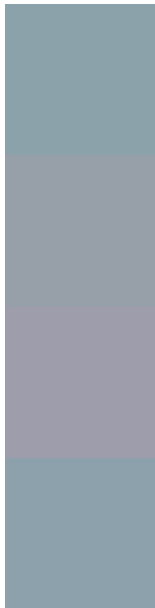
35.0348, 34.3438, 44.3177



Tritanopia

31.3694, 34.2085, 44.9939

Trichromacy



Original Color

31.0862, 34.3564, 43.5211

Protanomaly

32.3221, 34.2402, 42.4416

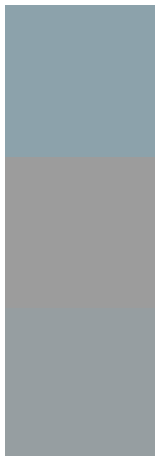
Deuteranomaly

33.4080, 34.2606, 43.8819

Tritanomaly

31.2722, 34.1696, 44.4823

Monochromacy



Original Color

31.0862, 34.3564, 43.5211

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2376, 33.5110, 38.5401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0862, 34.3564, 43.5211 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(140, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(140, 162, 171)  
}
```

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(140, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 162, 171) }
```

Border

The CSS property to change the border of an element to XYZ 31.0862, 34.3564, 43.5211 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(140, 162, 171) }
```


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

```
.border{ border-color:rgb(140, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(140, 162,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0862, 34.3564, 43.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 162, 171) }
```

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

```
.background{ background-color: rgb(140,  
162, 171) }
```

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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