

Converting Colors

XYZ(31.3572, 35.6547, 36.3487)

Have a look what the booklet for
XYZ(31.3572, 35.6547, 36.3487)
contains.

XYZ(31.4067, 35.7500, 36.2555)	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(31.4067, 35.7500,
36.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	92A69B
RGB	146, 166, 155
RGB Percent	57%, 65%, 61%
CMY	0.4274, 0.3490, 0.3922
CMYK	0.12, 0.00, 0.07, 0.35
HSL	147°, 10%, 61%
HSV	147°, 12%, 65%
XYZ	31.4067, 35.7500, 36.2555
YIQ	158.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

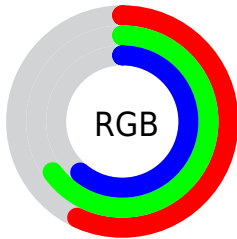
Format	Color
RYB	146, 160, 166
Decimal	9610907
CIELab	66.33, -9.19, 3.32
CIELCh	66, 9.774, 160.125
Yxy	35.7500, 0.3037, 0.3457
Android (android.graphics.Color)	4287800987 (0xFF92A69B)
YUV	158.7660, -1.8566, -11.1958
Hunter-Lab	59.7913, -10.8737, 5.9024

Details

The XYZ color **31.4067, 35.7500, 36.2555** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0919, 31.1000, 36.2115**, and the grayscale version is **32.8596, 34.5708, 37.6476**.

A 20% lighter version of the original color is **61.1845, 68.5957, 70.3371**, and **13.2353, 15.4670, 15.3846** is the 20% darker color. If you saturate the color by 10%, you get **27.9294, 34.0437, 32.2403**, and if you desaturate by 10%, it is **35.3725, 37.7035, 40.5979**.

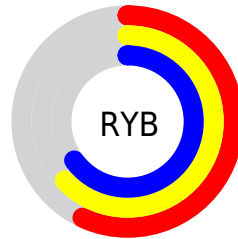
Distribution



Red (57%)

Green (65%)

Blue (61%)



Red (57%)

Yellow (63%)

Blue (65%)

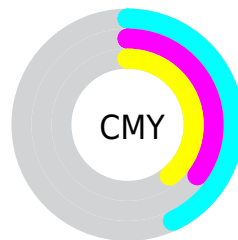


Cyan (12%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (43%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4067, 35.7500, 36.2555 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 31.4067, 35.7500, 36.2555 by changing the saturation by 10% instead.

■ 31.4067, 35.7500,
36.2555

■ 31.4067, 35.7500,
36.2555

300.2012,
327.8665, 345.1470

■ 21.0621, 24.2412,
24.3403

■ 61.2513, 68.6460,
70.5997

■ 13.2821, 15.5126,
15.3717

■ 81.4820, 90.8020,
93.8659

■ 7.7014, 9.1799,
8.9312

105.7388,
117.2758, 121.7527

■ 3.9547, 4.8587,
4.6001

134.3870,
148.4519, 154.6789

■ 1.6765, 2.1646,
1.9600

167.7920,
184.7146, 193.0628

■ 0.4415, 0.7006,
0.5305

206.3191,

■ 0.0000, 0.0000,

226.4484, 237.3232

0.0000

250.3337,
274.0375, 287.8784

■ 31.4067, 35.7500,
36.2555

■ 31.4067, 35.7500,
36.2555

■ 27.9294, 34.0437,
32.2403

■ 35.3725, 37.7035,
40.5979

■ 24.9180, 32.5700,
28.5422

■ 39.8424, 39.9089,
45.2723

■ 22.3524, 31.3197,
25.1542

■ 44.8349, 42.3768,
50.2866

■ 20.2099, 30.2813,
22.0682

■ 50.3665, 45.1156,
55.6477

■ 18.4657, 29.4421,
19.2754

■ 56.4533, 48.1333,
61.3622

■ 17.0923, 28.7882,
16.7669

■ 63.1105, 51.4376,
67.4366

■ 16.0584, 28.3036,
14.5332

■ 67.6524, 53.6440,
73.7507

■ 15.3270, 27.9693,
12.5639

■ 68.8875, 54.1380,
80.2544

■ 14.8964, 27.7776,
11.1780

■ 70.1895, 54.6588,
87.1107

Harmonies

Analogous

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



32.2018, 35.7500, 33.0953



31.4067, 35.7500, 36.2555



31.2896, 35.7500, 40.3564

Triad

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



31.4067, 35.7500, 36.2555



34.4753, 35.7500, 47.3900



36.1717, 35.7500, 33.9702

Complementary

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



31.4067, 35.7500, 36.2555



32.0919, 31.1000, 36.2115

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.



36.8188, 35.7500, 37.5292



31.4067, 35.7500, 36.2555



35.8210, 35.7500, 45.4035

Square

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



31.4067, 35.7500, 36.2555



33.0337, 35.7500, 46.9878



36.6887, 35.7500, 41.7238



34.9428, 35.7500, 31.8429

Rectangle

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



31.4067, 35.7500, 36.2555



31.6083, 35.7500, 43.1023



36.6887, 35.7500, 41.7238



36.4660, 35.7500, 35.0279

Sweetspot

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



31.4077, 35.7515, 36.2563



62.6647, 67.6709, 72.0338



32.7956, 36.5511, 32.5212



13.9013, 15.0834, 15.9880



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.



31.4077, 35.7515, 36.2563



55.5289, 64.1597, 64.1368



32.2527, 36.0895, 40.7062



7.5718, 8.4618, 8.7312



11.5738, 21.5483, 8.7884



0.3076, 0.5347, 0.3506

Inverse Universe

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



32.0919, 31.1000, 36.2115



56.9764, 54.3185, 64.0417



31.2985, 30.7827, 32.0338



7.6973, 7.6088, 8.7230



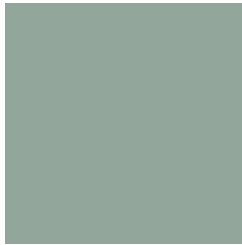
13.6931, 6.8860, 8.4616



0.3584, 0.1776, 0.3388

Previews

White Background



This preview shows how the XYZ color 31.4067, 35.7500, 36.2555 looks on a white background.

Color Contrast Check

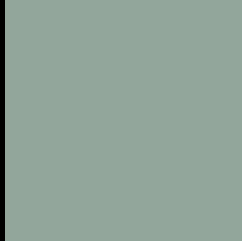
Large Text (above 18pt) WCAG AA × Fail

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 31.4067, 35.7500, 36.2555 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

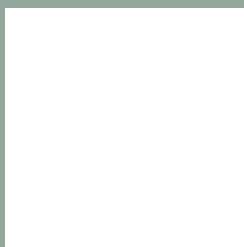
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4067, 35.7500, 36.2555

Background



This preview shows how black text looks on a background with the XYZ color 31.4067, 35.7500, 36.2555.



This preview shows how white text looks on a background with the XYZ color 31.4067, 35.7500,

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

31.4067, 35.7500, 36.2555

Protanopia

33.9642, 35.5156, 34.7709

Deuteranopia

36.3344, 35.6762, 36.8695



Tritanopia

33.5113, 35.8130, 46.2207

Trichromacy



Original Color

31.4067, 35.7500, 36.2555

Protanomaly

32.9682, 35.5115, 35.2538

Deuteranomaly

34.2974, 35.6489, 36.5257

Tritanomaly

32.7378, 35.7676, 42.2242

Monochromacy



Original Color

31.4067, 35.7500, 36.2555

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.4183, 35.1793, 37.4294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4067, 35.7500, 36.2555 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(146, 166, 155) looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 155)  
}
```

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(146, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 155) }
```

Border

The CSS property to change the border of an element to XYZ 31.4067, 35.7500, 36.2555 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(146, 166, 155) }
```


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

```
.border{ border-color:rgb(146, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(146, 166,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4067, 35.7500, 36.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 155) }
```

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

```
.background{ background-color: rgb(146,  
166, 155) }
```

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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