

Converting Colors

XYZ(30.9800, 35.9175, 36.4116)

Have a look what the booklet for
XYZ(30.9800, 35.9175, 36.4116)
contains.

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Color

**XYZ(30.8904, 35.7548,
36.2836)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA79B
RGB	142, 167, 155
RGB Percent	56%, 65%, 61%
CMY	0.4431, 0.3451, 0.3922
CMYK	0.15, 0.00, 0.07, 0.35
HSL	151°, 12%, 61%
HSV	151°, 15%, 65%
XYZ	30.8904, 35.7548, 36.2836
YIQ	158.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

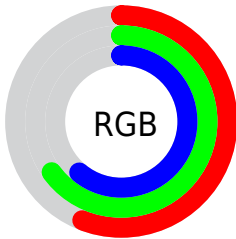
Format	Color
RYB	142, 158, 167
Decimal	9349019
CIELab	66.33, -11.11, 3.29
CIElCh	66, 11.590, 163.492
Yxy	35.7548, 0.3001, 0.3474
Android (android.graphics.Color)	4287539099 (0xFF8EA79B)
YUV	158.1570, -1.5564, -14.1697
Hunter-Lab	59.7953, -12.4283, 5.8797

Details

The XYZ color **30.8904, 35.7548, 36.2836** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4433, 29.8954, 34.6865**, and the grayscale version is **32.5819, 34.2786, 37.3294**.

A 20% lighter version of the original color is **60.3948, 68.5818, 70.3761**, and **12.9438, 15.4851, 15.4034** is the 20% darker color. If you saturate the color by 10%, you get **27.5860, 34.1276, 32.7306**, and if you desaturate by 10%, it is **34.6708, 37.6243, 40.0937**.

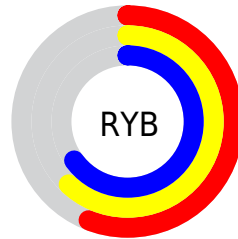
Distribution



Red (56%)

Green (65%)

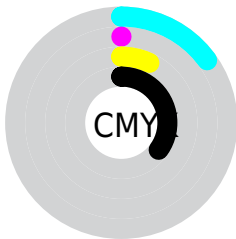
Blue (61%)



Red (56%)

Yellow (62%)

Blue (65%)

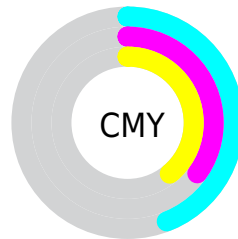


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8904, 35.7548, 36.2836 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 30.8904, 35.7548, 36.2836 by changing the saturation by 10% instead.

■ 30.8904, 35.7548,
36.2836

■ 30.8904, 35.7548,
36.2836

297.8690,
327.8876, 345.2732

■ 20.6668, 24.2449,
24.3619

■ 60.4445, 68.6534,
70.6435

■ 12.9917, 15.5154,
15.3876

■ 80.5057, 90.8109,
93.9188

■ 7.4998, 9.1819,
8.9422

■ 104.5769,
117.2864, 121.8157

■ 3.8257, 4.8600,
4.6072

133.0233,
148.4643, 154.7528

■ 1.6040, 2.1654,
1.9640

166.2104,
184.7290, 193.1485

■ 0.3950, 0.7010,
0.5330

204.5034,

■ 0.0000, 0.0000,

226.4648, 237.4215

0.0000

248.2679,
274.0562, 287.9902

■ 30.8904, 35.7548,
36.2836

■ 30.8904, 35.7548,
36.2836

■ 27.5860, 34.1276,
32.7306

■ 34.6708, 37.6243,
40.0937

■ 24.7348, 32.7279,
29.4270

■ 38.9430, 39.7410,
44.1639

■ 22.3164, 31.5463,
26.3679

■ 43.7255, 42.1154,
48.5000

■ 20.3077, 30.5711,
23.5475

■ 49.0351, 44.7562,
53.1069

■ 18.6832, 29.7893,
20.9596

■ 54.8878, 47.6714,
57.9894

■ 17.4146, 29.1863,
18.5978

■ 61.2990, 50.8688,
63.1522

■ 16.4693, 28.7454,
16.4553

■ 66.8324, 53.6080,
68.5319

■ 15.8071, 28.4460,
14.5246

■ 67.8637, 54.0205,
73.9627

■ 15.5329, 28.3243,
13.6298

■ 68.9458, 54.4534,
79.6613

Harmonies

Analogous

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



31.7434, 35.7548, 32.4146



30.8904, 35.7548, 36.2836



30.8478, 35.7548, 41.1983

Triad

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



30.8904, 35.7548, 36.2836



34.7666, 35.7548, 48.9593



36.4571, 35.7548, 32.7298

Complementary

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



30.8904, 35.7548, 36.2836



31.4433, 29.8954, 34.6865

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.



37.3255, 35.7548, 36.7483



30.8904, 35.7548, 36.2836



36.3274, 35.7548, 46.2668

Square

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



30.8904, 35.7548, 36.2836



33.0465, 35.7548, 48.8080



37.2773, 35.7548, 41.7039



34.9388, 35.7548, 30.4852

Rectangle

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



30.8904, 35.7548, 36.2836



31.2820, 35.7548, 44.4335



37.2773, 35.7548, 41.7039



36.8370, 35.7548, 33.9024

Sweetspot

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



30.8914, 35.7563, 36.2844



62.7414, 67.7016, 72.4378



32.0447, 36.4703, 30.9421



13.9214, 15.0915, 16.0941



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.



30.8914, 35.7563, 36.2844



53.2433, 63.0088, 62.7944



31.8741, 36.0274, 41.8351



7.5935, 8.4704, 8.8456



11.9103, 21.6829, 10.5603



0.3154, 0.5378, 0.3920

Inverse Universe

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



31.4433, 29.8954, 34.6865



54.4255, 50.4556, 59.3723



30.5550, 29.6394, 29.7021



7.6755, 7.6000, 8.6082



13.3320, 6.7415, 6.5596



0.3503, 0.1744, 0.2964

Previews

White Background



This preview shows how the XYZ color 30.8904, 35.7548, 36.2836 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 30.8904, 35.7548, 36.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

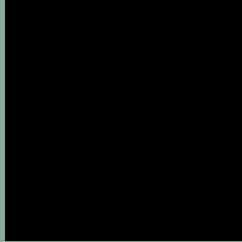
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8904, 35.7548, 36.2836

Background



This preview shows how black text looks on a background with the XYZ color 30.8904, 35.7548, 36.2836.

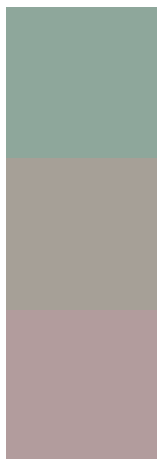


This preview shows how white text looks on a background with the XYZ color 30.8904, 35.7548,

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

30.8904, 35.7548, 36.2836

Protanopia

33.8826, 35.4830, 34.3412

Deuteranopia

36.3344, 35.6762, 36.8695



Tritanopia

33.0653, 35.8362, 46.7693

Trichromacy



Original Color

30.8904, 35.7548, 36.2836

Protanomaly

32.6693, 35.6295, 34.8611

Deuteranomaly

34.0886, 35.5412, 36.5160

Tritanomaly

32.2936, 35.7946, 42.7431

Monochromacy



Original Color

30.8904, 35.7548, 36.2836

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.7796, 34.5995, 36.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8904, 35.7548, 36.2836 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(142, 167, 155)` looks like.

```
.text, #text, p{  
    color:rgb(142, 167, 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(142, 167, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 167, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.8904, 35.7548, 36.2836 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(142, 167, 155) }
```


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

```
.border{ border-color:rgb(142, 167, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 167, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 167, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 167, 155);  
box-shadow:4px 4px 4px 4px rgb(142, 167,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8904, 35.7548, 36.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 167, 155) }
```

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

```
.background{ background-color: rgb(142,  
167, 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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