

Converting Colors

XYZ(31.9017, 36.8218, 41.5174)

Have a look what the booklet for
XYZ(31.9017, 36.8218, 41.5174)
contains.

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Color

**XYZ(31.8861, 36.7046,
41.4805)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA9A6
RGB	140, 169, 166
RGB Percent	55%, 66%, 65%
CMY	0.4510, 0.3372, 0.3490
CMYK	0.17, 0.00, 0.02, 0.34
HSL	174°, 14%, 61%
HSV	174°, 17%, 66%
XYZ	31.8861, 36.7046, 41.4805
YIQ	159.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

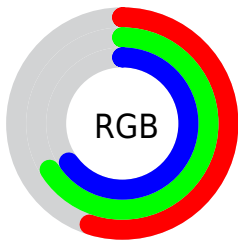
Format	Color
RYB	140, 155, 169
Decimal	9218470
CIELab	67.05, -10.57, -1.79
CIElCh	67, 10.723, 189.597
Yxy	36.7046, 0.2897, 0.3335
Android (android.graphics.Color)	4287408550 (0xFF8CA9A6)
YUV	159.9870, 2.9644, -17.5286
Hunter-Lab	60.5843, -12.0763, 1.8147

Details

The XYZ color **31.8861, 36.7046, 41.4805** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.6995, 29.1753, 30.0015**, and the grayscale version is **33.4006, 35.1401, 38.2675**.

A 20% lighter version of the original color is **61.9549, 70.0011, 78.6528**, and **13.5184, 16.0613, 18.3072** is the 20% darker color. If you saturate the color by 10%, you get **29.0951, 35.2852, 40.5184**, and if you desaturate by 10%, it is **35.1188, 38.3534, 42.4762**.

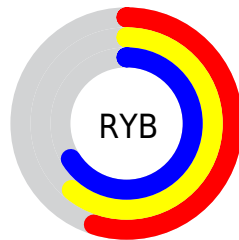
Distribution



Red (55%)

Green (66%)

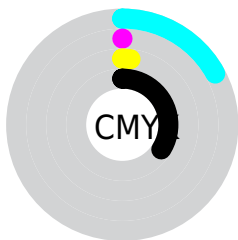
Blue (65%)



Red (55%)

Yellow (61%)

Blue (66%)

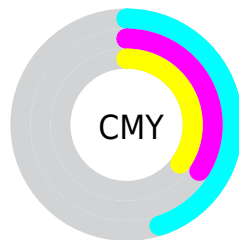


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8861, 36.7046, 41.4805 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 31.8861, 36.7046, 41.4805 by changing the saturation by 10% instead.

■ 31.8861, 36.7046,
41.4805

■ 31.8861, 36.7046,
41.4805

302.3546,
332.0298, 368.0608

■ 21.4296, 24.9789,
28.3722

■ 61.9989, 70.1182,
78.6744

■ 13.5527, 16.0613,
18.3649

■ 82.3859, 92.5749,
103.5970

■ 7.8898, 9.5675,
11.0402

■ 106.8139,
119.3773, 133.2948

■ 4.0757, 5.1132,
5.9793

135.6481,
150.9099, 168.1864

■ 1.7451, 2.3138,
2.7639

169.2539,
187.5571, 208.6902

■ 0.4842, 0.7810,
0.9754

207.9967,

■ 0.0000, 0.0000,

229.7032, 255.2249

0.0000

252.2418,
277.7326, 308.2089

■ 31.8861, 36.7046,
41.4805

■ 31.8861, 36.7046,
41.4805

■ 29.0951, 35.2852,
40.5184

■ 35.1188, 38.3534,
42.4762

■ 26.7227, 34.0803,
39.5865

■ 38.8087, 40.2367,
43.5040

■ 24.7485, 33.0805,
38.6845

■ 42.9743, 42.3650,
44.5655

■ 23.1493, 32.2738,
37.8114

■ 47.6324, 44.7469,
45.6616

■ 21.8991, 31.6467,
36.9658

■ 52.7986, 47.3905,
46.7931

■ 20.9690, 31.1844,
36.1464

■ 58.4882, 50.3036,
47.9607

■ 20.3252, 30.8694,
35.3514

■ 63.4896, 52.8617,
49.1077

■ 19.9165, 30.6754,
34.5786

■ 63.6667, 52.9326,
50.0407

■ 19.8159, 30.6282,
34.3619

■ 63.8462, 53.0043,
50.9855

Harmonies

Analogous

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



32.0302, 36.7046, 36.9162



31.8861, 36.7046, 41.4805



32.5264, 36.7046, 45.9647

Triad

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



31.8861, 36.7046, 41.4805



36.9230, 36.7046, 47.2897



35.9909, 36.7046, 32.1273

Complementary

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



31.8861, 36.7046, 41.4805



30.6995, 29.1753, 30.0015

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.



37.3583, 36.7046, 34.5116



31.8861, 36.7046, 41.4805



37.9080, 36.7046, 43.1774

Square

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



31.8861, 36.7046, 41.4805



35.4118, 36.7046, 49.4868



38.0697, 36.7046, 38.4870



34.3666, 36.7046, 31.7504

Rectangle

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



31.8861, 36.7046, 41.4805



33.3241, 36.7046, 48.2191



38.0697, 36.7046, 38.4870



36.4973, 36.7046, 32.7112

Sweetspot

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



31.8872, 36.7061, 41.4813



64.1931, 69.3488, 76.4451



30.3168, 36.1449, 30.1902



13.8985, 15.0677, 16.6350



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.



31.8872, 36.7061, 41.4813



54.9038, 64.6144, 73.5534



30.1847, 32.8552, 42.2888



7.7136, 8.5185, 9.4778



14.7795, 22.8305, 25.6692



0.3688, 0.5592, 0.6732

Inverse Universe

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



30.6995, 29.1753, 30.0015



52.3321, 48.3036, 48.6926



32.1825, 32.5004, 29.3885



7.5615, 7.5545, 8.0081



12.2831, 6.3220, 1.0365



0.3083, 0.1576, 0.0748

Previews

White Background



This preview shows how the XYZ color 31.8861, 36.7046, 41.4805 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 31.8861, 36.7046, 41.4805 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

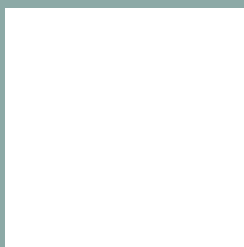
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8861, 36.7046, 41.4805

Background



This preview shows how black text looks on a background with the XYZ color 31.8861, 36.7046, 41.4805.

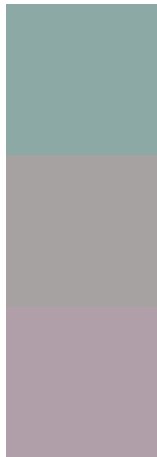


This preview shows how white text looks on a background with the XYZ color 31.8861, 36.7046,

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

31.8861, 36.7046, 41.4805

Protanopia

35.1678, 36.5563, 39.3849

Deuteranopia

37.1992, 36.5110, 42.1325



Tritanopia

33.3846, 36.7724, 48.5182

Trichromacy



Original Color

31.8861, 36.7046, 41.4805

Protanomaly

33.9706, 36.7227, 39.9481

Deuteranomaly

34.9996, 36.4172, 41.7438

Tritanomaly

32.8958, 36.8512, 45.9366

Monochromacy



Original Color

31.8861, 36.7046, 41.4805

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.7556, 35.5753, 39.3227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8861, 36.7046, 41.4805 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, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 166)  
}
```

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, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 166) }
```

Border

The CSS property to change the border of an element to XYZ 31.8861, 36.7046, 41.4805 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, 169, 166) }
```


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

```
.border{ border-color:rgb(140, 169, 166) }
```

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

Here you see how a box with a 4 pixel rgb(140, 169, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8861, 36.7046, 41.4805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 166) }
```

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

```
.background{ background-color: rgb(140,  
169, 166) }
```

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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