

Converting Colors

XYZ(31.4994, 37.6269, 41.6789)

Have a look what the booklet for
XYZ(31.4994, 37.6269, 41.6789)
contains.

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Color

**XYZ(31.4994, 37.6269,
41.6789)**

Conversions

Conversions Part 1

Format	Color
Hex	85ADA6
RGB	133, 173, 166
RGB Percent	52%, 68%, 65%
CMY	0.4784, 0.3216, 0.3490
CMYK	0.23, 0.00, 0.04, 0.32
HSL	169°, 20%, 60%
HSV	169°, 23%, 68%
XYZ	31.4994, 37.6269, 41.6789
YIQ	160.2420, -21.5930, -10.6570

Conversions

Conversions Part 2

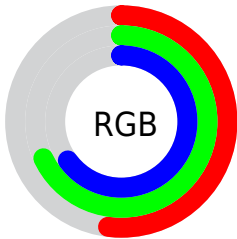
Format	Color
RYB	133, 155, 173
Decimal	8760742
CIELab	67.74, -14.96, -0.83
CIElCh	68, 14.979, 183.172
Yxy	37.6269, 0.2843, 0.3396
Android (android.graphics.Color)	4286950822 (0xFF85ADA6)
YUV	160.2420, 2.8387, -23.8912
Hunter-Lab	61.3408, -15.6839, 2.6531

Details

The XYZ color **31.4994, 37.6269, 41.6789** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.3561, 27.5538, 28.5311**, and the grayscale version is **33.5206, 35.2662, 38.4049**.

A 20% lighter version of the original color is **61.5640, 71.8239, 79.0252**, and **13.3543, 16.6835, 18.4360** is the 20% darker color. If you saturate the color by 10%, you get **28.7155, 36.2245, 40.1161**, and if you desaturate by 10%, it is **34.7419, 39.2670, 43.2989**.

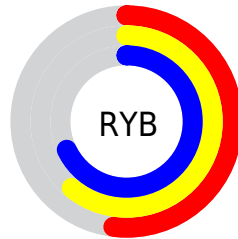
Distribution



Red (52%)

Green (68%)

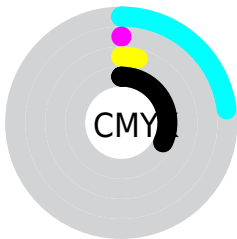
Blue (65%)



Red (52%)

Yellow (61%)

Blue (68%)

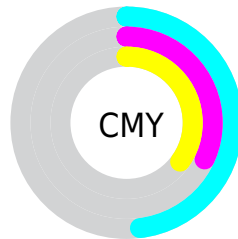


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (32%)



Cyan (48%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4994, 37.6269, 41.6789 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 31.4994, 37.6269, 41.6789 by changing the saturation by 10% instead.


 31.4994, 37.6269,
41.6789


 31.4994, 37.6269,
41.6789


300.6185,
336.0168, 368.9104


 21.1331, 25.6932,
28.5263


 61.3960, 71.5359,
78.9783

 13.3344, 16.5943,
18.4802


 81.6570, 94.2801,
103.9620

 7.7378, 9.9457,
11.1223


 105.9470,
121.3965, 133.7266

 3.9780, 5.3629,
6.0340

134.6312,
153.2696, 168.6906

 1.6897, 2.4617,
2.7966

168.0751,
190.2838, 209.2724

 0.4498, 0.8574,
0.9917

206.6441,

 0.0000, 0.0000,

232.8234, 255.8906

0.0000

250.7034,
281.2730, 308.9638

■ 31.4994, 37.6269,
41.6789

■ 31.4994, 37.6269,
41.6789

■ 28.7155, 36.2245,
40.1161

■ 34.7419, 39.2670,
43.2989

■ 26.3650, 35.0437,
38.6067

■ 38.4602, 41.1506,
44.9748

■ 24.4249, 34.0738,
37.1502

■ 42.6748, 43.2893,
46.7085

■ 22.8690, 33.3012,
35.7451

■ 47.4039, 45.6924,
48.5012

■ 21.6681, 32.7108,
34.3899

■ 52.6647, 48.3689,
50.3537

■ 20.7885, 32.2854,
33.0827

■ 58.4737, 51.3273,
52.2672

■ 20.1901, 32.0042,
31.8214

■ 64.8467, 54.5755,
54.2427

■ 19.8809, 31.8632,
30.9775

■ 65.5036, 54.8763,
55.9863

■ 65.8387, 55.0103,
57.7507

Harmonies

Analogous

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



31.9355, 37.6269, 35.4798



31.4994, 37.6269, 41.6789



32.1645, 37.6269, 48.3496

Triad

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



31.4994, 37.6269, 41.6789



38.2551, 37.6269, 52.5960



37.8105, 37.6269, 30.6116

Complementary

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



31.4994, 37.6269, 41.6789



30.3561, 27.5538, 28.5311

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.



39.6209, 37.6269, 34.3810



31.4994, 37.6269, 41.6789



39.8853, 37.6269, 46.9977

Square

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



31.4994, 37.6269, 41.6789



36.0102, 37.6269, 55.0652



40.3955, 37.6269, 40.2678



35.5174, 37.6269, 29.5110

Rectangle

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



31.4994, 37.6269, 41.6789



33.1603, 37.6269, 52.0468



40.3955, 37.6269, 40.2678



38.4990, 37.6269, 31.5869

Sweetspot

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



31.5005, 37.6284, 41.6797



66.1087, 72.2922, 79.3312



30.0499, 37.1867, 27.7849



14.2843, 15.6689, 17.2035



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.



31.5005, 37.6284, 41.6797



53.6372, 65.9873, 73.1279



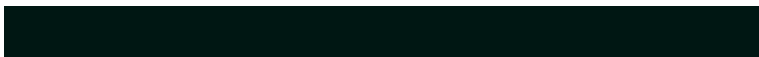
29.8455, 33.2624, 44.3842



8.1752, 9.0477, 9.9478



14.6236, 23.4147, 22.8552



0.4224, 0.6576, 0.7177

Inverse Universe

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



30.3561, 27.5538, 28.5311



51.2099, 44.6004, 45.2255



31.6961, 31.0341, 26.5106



8.0604, 8.0374, 8.6286



12.8509, 6.6029, 1.5943



0.3742, 0.1904, 0.1324

Previews

White Background



This preview shows how the XYZ color 31.4994, 37.6269, 41.6789 looks on a white background.

Color Contrast Check

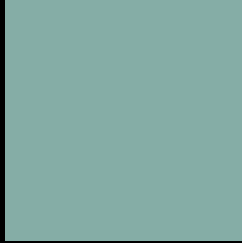
Large Text (above 18pt) WCAG AA × Fail

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 31.4994, 37.6269, 41.6789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

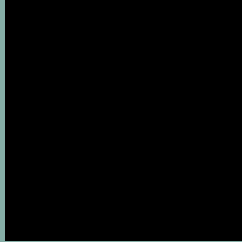
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4994, 37.6269, 41.6789

Background



This preview shows how black text looks on a background with the XYZ color 31.4994, 37.6269, 41.6789.

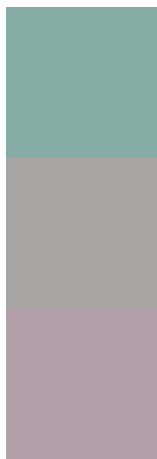


This preview shows how white text looks on a background with the XYZ color 31.4994, 37.6269,

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

31.4994, 37.6269, 41.6789

Protanopia

35.8569, 37.4490, 39.0567

Deuteranopia

38.1500, 37.2446, 42.7143



Tritanopia

33.3430, 37.5285, 50.8338

Trichromacy



Original Color

31.4994, 37.6269, 41.6789

Protanomaly

33.9471, 37.2503, 40.0512

Deuteranomaly

35.2436, 37.0595, 42.3414

Tritanomaly

32.6521, 37.5344, 47.1189

Monochromacy



Original Color

31.4994, 37.6269, 41.6789

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.5544, 36.0029, 39.4159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4994, 37.6269, 41.6789 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, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 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(133, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 31.4994, 37.6269, 41.6789 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, 173, 166) }
```


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

```
.border{ border-color:rgb(133, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4994, 37.6269, 41.6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 166) }
```

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

```
.background{ background-color: rgb(133,  
173, 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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