

Converting Colors

XYZ(31.6260, 35.6962, 31.6087)

Have a look what the booklet for
XYZ(31.6260, 35.6962, 31.6087)
contains.

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Color

**XYZ(31.6260, 35.6962,
31.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	99A590
RGB	153, 165, 144
RGB Percent	60%, 65%, 56%
CMY	0.4000, 0.3529, 0.4353
CMYK	0.07, 0.00, 0.13, 0.35
HSL	94°, 10%, 61%
HSV	94°, 13%, 65%
XYZ	31.6260, 35.6962, 31.6087
YIQ	159.0180, -0.4110, -9.0750

Conversions

Conversions Part 2

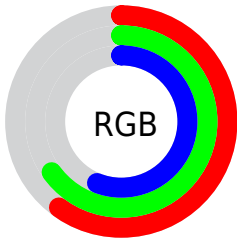
Format	Color
RYB	144, 165, 156
Decimal	10069392
CIELab	66.29, -8.21, 9.45
CIElCh	66, 12.516, 130.997
Yxy	35.6962, 0.3197, 0.3608
Android (android.graphics.Color)	4288259472 (0xFF99A590)
YUV	159.0180, -7.4039, -5.2778
Hunter-Lab	59.7463, -10.0691, 10.4551

Details

The XYZ color **31.6260, 35.6962, 31.6087** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4766, 29.7320, 39.7318**, and the grayscale version is **32.9966, 34.7150, 37.8046**.

A 20% lighter version of the original color is **61.5184, 68.5290, 63.4111**, and **13.4050, 15.4432, 12.8640** is the 20% darker color. If you saturate the color by 10%, you get **28.7460, 34.3478, 25.3649**, and if you desaturate by 10%, it is **34.8330, 37.1940, 38.8315**.

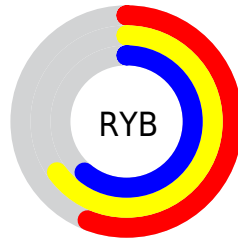
Distribution



Red (60%)

Green (65%)

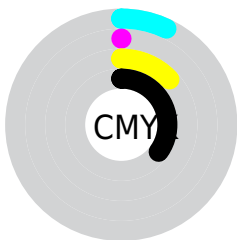
Blue (56%)



Red (56%)

Yellow (65%)

Blue (61%)

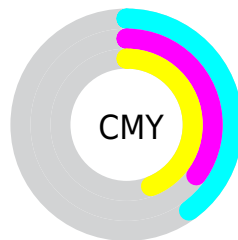


Cyan (7%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (40%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6260, 35.6962, 31.6087 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 31.6260, 35.6962, 31.6087 by changing the saturation by 10% instead.

■ 31.6260, 35.6962,
31.6087

■ 31.6260, 35.6962,
31.6087

301.1877,
327.6307, 323.7705

■ 21.2302, 24.1997,
20.8005

■ 61.5935, 68.5629,
63.2879

■ 13.4058, 15.4818,
12.7884

■ 81.8958, 90.7018,
84.9960

■ 7.7875, 9.1582,
7.1540

106.2310,
117.1571, 111.1744

■ 4.0099, 4.8445,
3.4787

134.9645,
148.3129, 142.2416

■ 1.7077, 2.1563,
1.3439

168.4615,
184.5538, 178.6164

■ 0.4611, 0.6960,
0.0974

207.0875,

■ 0.0000, 0.0000,

226.2642, 220.7170

0.0000

251.2077,
273.8283, 268.9622

■ 31.6260, 35.6962,
31.6087

■ 31.6260, 35.6962,
31.6087

■ 28.7460, 34.3478,
25.3649

■ 34.8330, 37.1940,
38.8315

■ 26.1790, 33.1393,
20.0558

■ 38.3747, 38.8411,
47.0705

■ 23.9139, 32.0670,
15.6369

■ 42.2621, 40.6435,
56.3640

■ 21.9380, 31.1256,
12.0592

■ 46.5050, 42.6053,
66.7472

■ 20.2376, 30.3090,
9.2693

■ 51.1126, 44.7307,
78.2541

■ 18.7975, 29.6108,
7.2072

■ 56.0937, 47.0234,
90.9169

■ 17.6009, 29.0237,
5.8046

■ 60.7231, 49.1938,
100.9026

■ 16.6280, 28.5394,
4.9800

■ 63.6415, 50.6983,
101.0392

■ 16.0325, 28.2400,
4.6059

■ 66.7232, 52.2869,
101.1834

Harmonies

Analogous

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



33.2476, 35.6962, 29.6185



31.6260, 35.6962, 31.6087



30.6441, 35.6962, 35.6128

Triad

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



31.6260, 35.6962, 31.6087



32.7720, 35.6962, 49.4270



37.5776, 35.6962, 36.9377

Complementary

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



31.6260, 35.6962, 31.6087



30.4766, 29.7320, 39.7318

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.



37.4388, 35.6962, 42.3138



31.6260, 35.6962, 31.6087



34.6179, 35.6962, 49.8647

Square

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



31.6260, 35.6962, 31.6087



31.2888, 35.6962, 46.0134



36.3394, 35.6962, 47.1594



36.7119, 35.6962, 32.5019

Rectangle

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



31.6260, 35.6962, 31.6087



30.4621, 35.6962, 39.0463



36.3394, 35.6962, 47.1594



37.6477, 35.6962, 38.6884

Sweetspot

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



31.6270, 35.6977, 31.6095



61.5735, 66.2324, 67.6973



32.4242, 33.7578, 31.1930



13.3673, 14.4359, 14.5861



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.6270, 35.6977, 31.6095



55.2705, 63.2887, 53.5968



30.0995, 34.8979, 32.1002



7.2599, 8.0365, 7.5486



12.1832, 21.3911, 3.4868



0.3096, 0.4771, 0.0758

Inverse Universe

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



30.4766, 29.7320, 39.7318



52.8407, 50.6889, 70.7513



32.1564, 30.6127, 39.1487



7.0697, 7.0503, 8.8913



8.7114, 3.8973, 27.2229



0.2357, 0.1090, 0.5745

Previews

White Background



This preview shows how the XYZ color 31.6260, 35.6962, 31.6087 looks on a white background.

Color Contrast Check

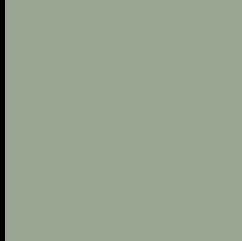
Large Text (above 18pt) WCAG AA × Fail

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 31.6260, 35.6962, 31.6087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

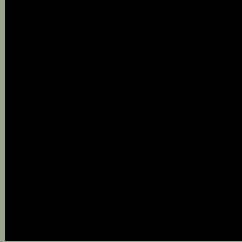
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

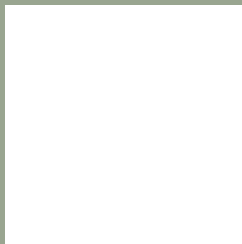
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6260, 35.6962, 31.6087

Background



This preview shows how black text looks on a background with the XYZ color 31.6260, 35.6962, 31.6087.



This preview shows how white text looks on a background with the XYZ color 31.6260, 35.6962,

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

31.6260, 35.6962, 31.6087

Protanopia

33.6017, 35.4194, 30.6568

Deuteranopia

36.2011, 35.4631, 32.1312



Tritanopia

34.4854, 35.8148, 45.1398

Trichromacy



Original Color

31.6260, 35.6962, 31.6087

Protanomaly

32.9825, 35.6104, 31.1217

Deuteranomaly

34.3036, 35.4985, 31.8320

Tritanomaly

33.2415, 35.5529, 39.7607

Monochromacy



Original Color

31.6260, 35.6962, 31.6087

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.4822, 34.9909, 35.6138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6260, 35.6962, 31.6087 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(153, 165, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 165, 144)  
}
```

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(153, 165, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 165, 144) }
```

Border

The CSS property to change the border of an element to XYZ 31.6260, 35.6962, 31.6087 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(153, 165, 144) }
```


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

```
.border{ border-color:rgb(153, 165, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 165, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 165, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 165, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 165,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6260, 35.6962, 31.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 165, 144) }
```

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

```
.background{ background-color: rgb(153,  
165, 144) }
```

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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