

Converting Colors

XYZ(31.3897, 33.6182, 25.9504)

Have a look what the booklet for
XYZ(31.3897, 33.6182, 25.9504)
contains.

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Color

**XYZ(31.3961, 33.6182,
25.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	A49D82
RGB	164, 157, 130
RGB Percent	64%, 62%, 51%
CMY	0.3569, 0.3843, 0.4902
CMYK	0.00, 0.04, 0.21, 0.36
HSL	48°, 16%, 58%
HSV	48°, 21%, 64%
XYZ	31.3961, 33.6182, 25.9533
YIQ	156.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

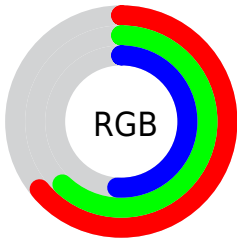
Format	Color
RYB	139, 164, 130
Decimal	10788226
CIELab	64.66, -2.03, 15.06
CIELCh	65, 15.197, 97.684
Yxy	33.6182, 0.3451, 0.3696
Android (android.graphics.Color)	4288978306 (0xFFA49D82)
YUV	156.0150, -12.8254, 7.0028
Hunter-Lab	57.9812, -4.8116, 14.0477

Details

The XYZ color **31.3961, 33.6182, 25.9533** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.8523, 25.3169, 38.6990**, and the grayscale version is **31.6588, 33.3075, 36.2719**.

A 20% lighter version of the original color is **61.0549, 65.0675, 54.1411**, and **13.3213, 14.3469, 9.8517** is the 20% darker color. If you saturate the color by 10%, you get **29.8191, 32.0875, 20.4227**, and if you desaturate by 10%, it is **33.1661, 35.2536, 32.4147**.

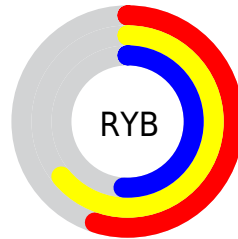
Distribution



Red (64%)

Green (62%)

Blue (51%)



Red (55%)

Yellow (64%)

Blue (51%)

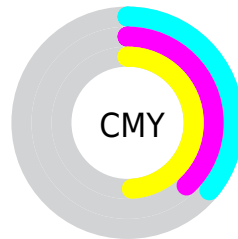


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3961, 33.6182, 25.9533 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 31.3961, 33.6182, 25.9533 by changing the saturation by 10% instead.

■ 31.3961, 33.6182,
25.9533

■ 31.3961, 33.6182,
25.9533

300.1534,
318.4262, 296.1509

■ 21.0540, 22.6004,
16.5633

■ 61.2348, 65.3395,
54.1828

■ 13.2761, 14.2988,
9.7649

■ 81.4620, 86.8118,
73.8592

■ 7.6973, 8.3288,
5.1398

■ 105.7150,
112.5378, 97.8016

■ 3.9520, 4.3060,
2.2694

134.3590,
142.9018, 126.4285

■ 1.6750, 1.8462,
0.7140

167.7596,
178.2883, 160.1583

■ 0.4406, 0.5157,
0.0000

206.2819,

■ 0.0000, 0.0000,

219.0816, 199.4096

0.0000

250.2914,
265.6661, 244.6010

■ 31.3961, 33.6182,
25.9533

■ 31.3961, 33.6182,
25.9533

■ 29.8191, 32.0875,
20.4227

■ 33.1661, 35.2536,
32.4147

■ 28.4241, 30.6535,
15.7771

■ 35.1344, 36.9926,
39.8456

■ 27.2028, 29.3139,
11.9700

■ 37.3093, 38.8399,
48.2852

■ 26.1453, 28.0644,
8.9495

■ 39.6977, 40.7984,
57.7696

■ 25.2407, 26.9004,
6.6584

■ 42.3063, 42.8710,
68.3335

■ 24.4763, 25.8167,
5.0313

■ 45.1414, 45.0605,
80.0098

■ 23.8374, 24.8073,
3.9914

■ 48.2093, 47.3694,
92.8298

■ 23.3263, 23.9253,
3.3886

■ 50.5008, 49.3943,
101.4801

■ 51.2103, 50.8132,
101.7166

Harmonies

Analogous

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



33.5707, 33.6182, 26.5874



31.3961, 33.6182, 25.9533



29.4594, 33.6182, 27.9051

Triad

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



31.3961, 33.6182, 25.9533



28.7504, 33.6182, 44.4414



35.9883, 33.6182, 41.3530

Complementary

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



31.3961, 33.6182, 25.9533



24.8523, 25.3169, 38.6990

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.



34.5836, 33.6182, 46.9466



31.3961, 33.6182, 25.9533



30.3883, 33.6182, 48.8663

Square

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



31.3961, 33.6182, 25.9533



27.9778, 33.6182, 38.2326



32.5166, 33.6182, 49.8316



36.2882, 33.6182, 35.0233

Rectangle

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



31.3961, 33.6182, 25.9533



28.5411, 33.6182, 30.5567



32.5166, 33.6182, 49.8316



35.6267, 33.6182, 43.4019

Sweetspot

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



31.3970, 33.6197, 25.9540



61.8061, 65.4247, 64.8439



27.8345, 25.6749, 27.2942



13.4650, 14.2615, 13.9992



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.



31.3970, 33.6197, 25.9540



55.5908, 59.6845, 42.1469



30.7014, 35.0689, 26.2704



7.5251, 7.9886, 7.5254



17.9199, 18.4138, 2.6097



0.4061, 0.4460, 0.0647

Inverse Universe

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



24.8523, 25.3169, 38.6990



41.4803, 41.7853, 69.6315



25.4374, 24.1897, 38.4506



6.8131, 7.0852, 8.9116



5.5999, 2.9791, 27.2097



0.1478, 0.1229, 0.5818

Previews

White Background



This preview shows how the XYZ color 31.3961, 33.6182, 25.9533 looks on a white background.

Color Contrast Check

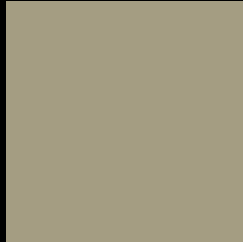
Large Text (above 18pt) WCAG AA × Fail

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 31.3961, 33.6182, 25.9533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

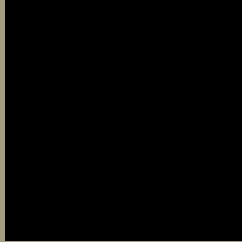
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.3961, 33.6182, 25.9533

Background



This preview shows how black text looks on a background with the XYZ color 31.3961, 33.6182, 25.9533.



This preview shows how white text looks on a background with the XYZ color 31.3961, 33.6182,

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

31.3961, 33.6182, 25.9533

Protanopia

31.6436, 33.4956, 25.9166

Deuteranopia

34.2194, 33.5957, 26.1538



Tritanopia

34.0775, 33.4616, 39.7846

Trichromacy



Original Color

31.3961, 33.6182, 25.9533

Protanomaly

31.4348, 33.3880, 25.9068

Deuteranomaly

33.1672, 33.5351, 26.1976

Tritanomaly

33.1594, 33.5937, 34.4423

Monochromacy



Original Color

31.3961, 33.6182, 25.9533

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.4530, 33.2544, 32.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3961, 33.6182, 25.9533 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(164, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 130)  
}
```

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(164, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 130) }
```

Border

The CSS property to change the border of an element to XYZ 31.3961, 33.6182, 25.9533 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(164, 157, 130) }
```


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

```
.border{ border-color:rgb(164, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3961, 33.6182, 25.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 130) }
```

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

```
.background{ background-color: rgb(164,  
157, 130) }
```

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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