

Converting Colors

XYZ(31.0928, 36.6472, 26.2275)

Have a look what the booklet for
XYZ(31.0928, 36.6472, 26.2275)
contains.

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Color

**XYZ(31.0993, 36.6363,
26.2013)**

Conversions

Conversions Part 1

Format	Color
Hex	98A981
RGB	152, 169, 129
RGB Percent	60%, 66%, 51%
CMY	0.4039, 0.3372, 0.4941
CMYK	0.10, 0.00, 0.24, 0.34
HSL	86°, 19%, 58%
HSV	86°, 24%, 66%
XYZ	31.0993, 36.6363, 26.2013
YIQ	159.3570, 2.7080, -16.0440

Conversions

Conversions Part 2

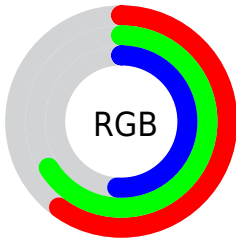
Format	Color
RYB	129, 169, 146
Decimal	10004865
CIELab	67.00, -13.23, 18.71
CIElCh	67, 22.916, 125.268
Yxy	36.6363, 0.3311, 0.3900
Android (android.graphics.Color)	4288194945 (0xFF98A981)
YUV	159.3570, -14.9660, -6.4521
Hunter-Lab	60.5279, -14.2104, 16.7041

Details

The XYZ color **31.0993, 36.6363, 26.2013** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.8672, 24.6771, 40.8852**, and the grayscale version is **33.1845, 34.9126, 38.0199**.

A 20% lighter version of the original color is **60.8313, 69.9541, 54.5523**, and **13.1761, 16.0685, 9.9965** is the 20% darker color. If you saturate the color by 10%, you get **28.7638, 35.5526, 20.7051**, and if you desaturate by 10%, it is **33.7040, 37.8395, 32.6815**.

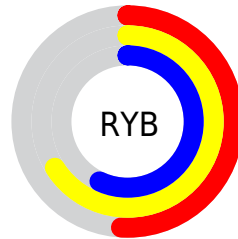
Distribution



Red (60%)

Green (66%)

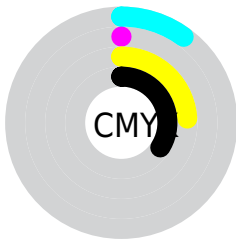
Blue (51%)



Red (51%)

Yellow (66%)

Blue (57%)

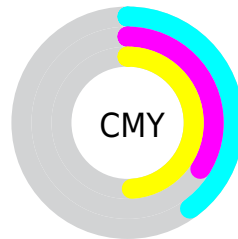


Cyan (10%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0993, 36.6363, 26.2013 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 31.0993, 36.6363, 26.2013 by changing the saturation by 10% instead.

■ 31.0993, 36.6363,
26.2013

■ 31.0993, 36.6363,
26.2013

298.8142,
331.7332, 297.4057

■ 20.8267, 24.9260,
16.7472

■ 60.7712, 70.0131,
54.5876

■ 13.1091, 16.0219,
9.8944

■ 80.9011, 92.4483,
74.3568

■ 7.5812, 9.5397,
5.2243

■ 105.0475,
119.2274, 98.4015

■ 3.8777, 5.0948,
2.3184

133.5758,
150.7346, 127.1402

■ 1.6332, 2.3030,
0.7415

166.8512,
187.3544, 160.9914

■ 0.4139, 0.7753,
0.0000

205.2392,

■ 0.0000, 0.0000,

229.4712, 200.3737

0.0000

249.1051,
277.4693, 245.7056

■ 31.0993, 36.6363,
26.2013

■ 31.0993, 36.6363,
26.2013

■ 28.7638, 35.5526,
20.7051

■ 33.7040, 37.8395,
32.6815

■ 26.6840, 34.5793,
16.1425

■ 36.5850, 39.1615,
40.1883

■ 24.8497, 33.7132,
12.4619

■ 39.7525, 40.6079,
48.7644

■ 23.2483, 32.9493,
9.6061

■ 43.2154, 42.1823,
58.4495

■ 21.8661, 32.2817,
7.5109

■ 46.9821, 43.8882,
69.2815

■ 20.6877, 31.7041,
6.1028

■ 51.0607, 45.7291,
81.2961

■ 19.6946, 31.2090,
5.2935

■ 55.4590, 47.7082,
94.5278

■ 19.1363, 30.9280,
4.9611

■ 58.6665, 49.2214,
101.0164

■ 60.7512, 50.2962,
101.1139

Harmonies

Analogous

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



34.2109, 36.6363, 23.6896



31.0993, 36.6363, 26.2013



29.0910, 36.6363, 32.3986

Triad

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



31.0993, 36.6363, 26.2013



32.0967, 36.6363, 59.9502



41.9186, 36.6363, 38.1569

Complementary

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



31.0993, 36.6363, 26.2013



26.8672, 24.6771, 40.8852

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.



41.2596, 36.6363, 48.4570



31.0993, 36.6363, 26.2013



35.4397, 36.6363, 62.1772

Square

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



31.0993, 36.6363, 26.2013



29.6394, 36.6363, 52.0102



38.8299, 36.6363, 57.6711



40.5754, 36.6363, 29.8174

Rectangle

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



31.0993, 36.6363, 26.2013



28.5699, 36.6363, 38.3308



38.8299, 36.6363, 57.6711



41.9248, 36.6363, 41.4924

Sweetspot

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



31.1003, 36.6379, 26.2021



63.6781, 69.2894, 67.1127



30.5536, 30.4764, 25.0416



13.8157, 15.0730, 14.4618



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.



31.1003, 36.6379, 26.2021



53.6157, 64.6485, 41.9534



27.7195, 34.8950, 26.0439



7.8342, 8.6126, 8.0388



14.3236, 23.0813, 3.7002



0.4051, 0.5908, 0.0927

Inverse Universe

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



26.8672, 24.6771, 40.8852



44.8012, 39.7385, 72.5341



30.6692, 26.6371, 41.0631



7.4228, 7.4506, 9.4652



7.3788, 3.1873, 28.2018



0.2384, 0.1079, 0.6889

Previews

White Background



This preview shows how the XYZ color 31.0993, 36.6363, 26.2013 looks on a white background.

Color Contrast Check

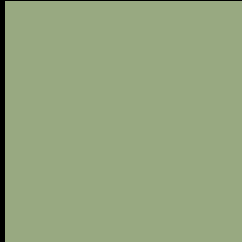
Large Text (above 18pt) WCAG AA × Fail

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 31.0993, 36.6363, 26.2013 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 31.0993, 36.6363, 26.2013

Background



This preview shows how black text looks on a background with the XYZ color 31.0993, 36.6363, 26.2013.



This preview shows how white text looks on a background with the XYZ color 31.0993, 36.6363,

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

31.0993, 36.6363, 26.2013

Protanopia

34.3186, 36.6994, 25.0136

Deuteranopia

37.0396, 36.2617, 26.8768



Tritanopia

35.2317, 36.6999, 46.3012

Trichromacy



Original Color

31.0993, 36.6363, 26.2013

Protanomaly

33.0118, 36.5496, 25.3935

Deuteranomaly

34.7461, 36.3585, 26.6593

Tritanomaly

33.4234, 36.4814, 38.0809

Monochromacy



Original Color

31.0993, 36.6363, 26.2013

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1528, 35.4004, 33.1553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0993, 36.6363, 26.2013 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(152, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 129)  
}
```

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(152, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.0993, 36.6363, 26.2013 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(152, 169, 129) }
```


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

```
.border{ border-color:rgb(152, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0993, 36.6363, 26.2013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 129) }
```

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

```
.background{ background-color: rgb(152,  
169, 129) }
```

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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