

Converting Colors

XYZ(30.6887, 35.6862, 24.6562)

Have a look what the booklet for
XYZ(30.6887, 35.6862, 24.6562)
contains.

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Color

**XYZ(30.6643, 35.6231,
24.6618)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA67D
RGB	154, 166, 125
RGB Percent	60%, 65%, 49%
CMY	0.3961, 0.3490, 0.5098
CMYK	0.07, 0.00, 0.25, 0.35
HSL	78°, 19%, 57%
HSV	78°, 25%, 65%
XYZ	30.6643, 35.6231, 24.6618
YIQ	157.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

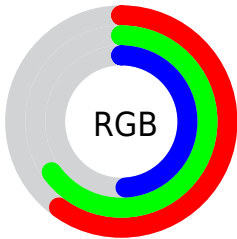
Format	Color
RYB	125, 166, 137
Decimal	10135165
CIELab	66.23, -11.52, 19.86
CIElCh	66, 22.961, 120.104
Yxy	35.6231, 0.3372, 0.3917
Android (android.graphics.Color)	4288325245 (0xFF9AA67D)
YUV	157.7380, -16.1398, -3.2782
Hunter-Lab	59.6851, -12.7413, 17.2810

Details

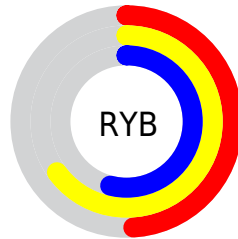
The XYZ color **30.6643, 35.6231, 24.6618** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.5345, 22.7397, 39.1744**, and the grayscale version is **32.4503, 34.1403, 37.1787**.

A 20% lighter version of the original color is **60.1868, 68.4826, 52.1658**, and **12.8013, 15.3812, 9.1316** is the 20% darker color. If you saturate the color by 10%, you get **28.7852, 34.7680, 19.4933**, and if you desaturate by 10%, it is **32.7600, 36.5716, 30.7672**.

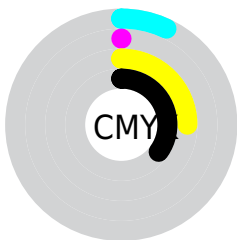
Distribution



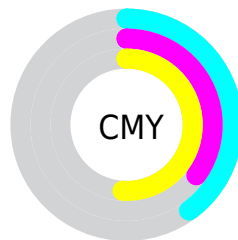
- Red (60%)
- Green (65%)
- Blue (49%)



- Red (49%)
- Yellow (65%)
- Blue (54%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (40%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6643, 35.6231, 24.6618 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 30.6643, 35.6231, 24.6618 by changing the saturation by 10% instead.

■ 30.6643, 35.6231,
24.6618

■ 30.6643, 35.6231,
24.6618

296.8433,
327.3102, 289.5430

■ 20.4939, 24.1433,
15.6085

■ 60.0906, 68.4499,
52.0653

■ 12.8649, 15.4399,
9.0962

■ 80.0772, 90.5657,
71.2527

■ 7.4120, 9.1287,
4.7063

■ 104.0667,
116.9956, 94.6551

■ 3.7697, 4.8252,
2.0203

132.4243,
148.1239, 122.6913

■ 1.5727, 2.1451,
0.5677

165.5154,
184.3352, 155.7796

■ 0.3745, 0.6898,
0.0000

203.7054,

■ 0.0000, 0.0000,

226.0137, 194.3386

0.0000

247.3596,
273.5439, 238.7869

■ 30.6643, 35.6231,
24.6618

■ 30.6643, 35.6231,
24.6618

■ 28.7852, 34.7680,
19.4933

■ 32.7600, 36.5716,
30.7672

■ 27.1107, 33.9977,
15.2129

■ 35.0781, 37.6122,
37.8502

■ 25.6317, 33.3099,
11.7711

■ 37.6276, 38.7499,
45.9522

■ 24.3372, 32.7001,
9.1125

■ 40.4163, 39.9877,
55.1114

■ 23.2150, 32.1633,
7.1750

■ 43.4514, 41.3286,
65.3639

■ 22.2511, 31.6939,
5.8872

■ 46.7399, 42.7754,
76.7442

■ 21.4284, 31.2849,
5.1619

■ 50.2884, 44.3308,
89.2854

■ 21.0277, 31.0840,
4.8915

■ 53.6484, 45.8154,
100.6234

■ 54.9068, 46.4642,
100.6823

Harmonies

Analogous

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



33.8467, 35.6231, 22.8296



30.6643, 35.6231, 24.6618



28.4685, 35.6231, 30.1324

Triad

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



30.6643, 35.6231, 24.6618



30.6837, 35.6231, 57.5262



40.8743, 35.6231, 38.7532

Complementary

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



30.6643, 35.6231, 24.6618



24.5345, 22.7397, 39.1744

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.



39.8897, 35.6231, 48.9590



30.6643, 35.6231, 24.6618



33.8707, 35.6231, 60.8494

Square

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



30.6643, 35.6231, 24.6618



28.4791, 35.6231, 49.0284



37.2676, 35.6231, 57.4816



39.8763, 35.6231, 30.0822

Rectangle

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



30.6643, 35.6231, 24.6618



27.7813, 35.6231, 35.6382



37.2676, 35.6231, 57.4816



40.7635, 35.6231, 42.1171

Sweetspot

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



30.6652, 35.6247, 24.6626



62.5995, 67.7841, 65.3995



28.3201, 27.3713, 23.1931



13.9545, 15.1446, 14.4683



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.



30.6652, 35.6247, 24.6626



53.6068, 63.7218, 39.0620



27.1520, 33.8135, 24.4981



7.9298, 8.6619, 8.0432



16.3533, 24.1277, 3.7952



0.4451, 0.6114, 0.0945

Inverse Universe

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



24.5345, 22.7397, 39.1744



40.4181, 35.9952, 70.2928



28.1452, 24.6011, 39.3434



7.3305, 7.4030, 9.4609



6.3462, 2.6550, 28.1535



0.2046, 0.0905, 0.6873

Previews

White Background



This preview shows how the XYZ color 30.6643, 35.6231, 24.6618 looks on a white background.

Color Contrast Check

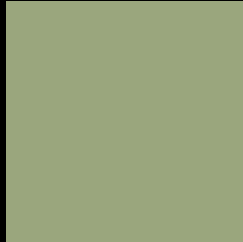
Large Text (above 18pt) WCAG AA × Fail

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 30.6643, 35.6231, 24.6618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

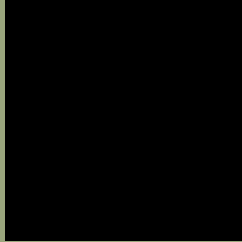
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6643, 35.6231, 24.6618

Background



This preview shows how black text looks on a background with the XYZ color 30.6643, 35.6231, 24.6618.



This preview shows how white text looks on a background with the XYZ color 30.6643, 35.6231,

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

30.6643, 35.6231, 24.6618

Protanopia

33.3333, 35.6905, 23.8710

Deuteranopia

36.1254, 35.3349, 24.9950



Tritanopia

34.7151, 35.6972, 44.0903

Trichromacy



Original Color

30.6643, 35.6231, 24.6618

Protanomaly

32.2523, 35.6490, 24.2498

Deuteranomaly

33.8973, 35.1902, 24.7445

Tritanomaly

32.9373, 35.4763, 36.1220

Monochromacy



Original Color

30.6643, 35.6231, 24.6618

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8378, 34.7332, 32.2203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6643, 35.6231, 24.6618 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(154, 166, 125)` looks like.

```
.text, #text, p{  
    color:rgb(154, 166, 125)  
}
```

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(154, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 166, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.6643, 35.6231, 24.6618 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(154, 166, 125) }
```


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

```
.border{ border-color:rgb(154, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 166,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6643, 35.6231, 24.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 166, 125) }
```

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

```
.background{ background-color: rgb(154,  
166, 125) }
```

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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