

Converting Colors

XYZ(33.4370, 40.3334, 25.0917)

Have a look what the booklet for
XYZ(33.4370, 40.3334, 25.0917)
contains.

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Color

**XYZ(33.4631, 40.4641,
25.1154)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB27C
RGB	157, 178, 124
RGB Percent	62%, 70%, 49%
CMY	0.3843, 0.3019, 0.5137
CMYK	0.12, 0.00, 0.30, 0.30
HSL	83°, 26%, 59%
HSV	83°, 30%, 70%
XYZ	33.4631, 40.4641, 25.1154
YIQ	165.5650, 4.8180, -21.2460

Conversions

Conversions Part 2

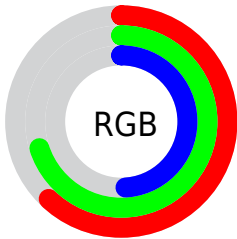
Format	Color
RYB	124, 178, 145
Decimal	10334844
CIELab	69.80, -16.76, 25.27
CIELCh	70, 30.328, 123.558
Yxy	40.4641, 0.3379, 0.4086
Android (android.graphics.Color)	4288524924 (0xFF9DB27C)
YUV	165.5650, -20.4915, -7.5115
Hunter-Lab	63.6114, -17.4191, 21.1188

Details

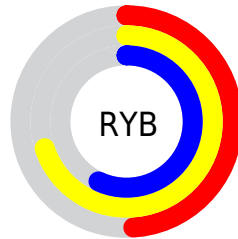
The XYZ color **33.4631, 40.4641, 25.1154** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9222, 23.6505, 45.2677**, and the grayscale version is **36.1305, 38.0121, 41.3952**.

A 20% lighter version of the original color is **64.5100, 76.0170, 52.8677**, and **14.4293, 18.1785, 9.4049** is the 20% darker color. If you saturate the color by 10%, you get **31.1251, 39.3786, 19.6510**, and if you desaturate by 10%, it is **36.0830, 41.6739, 31.6554**.

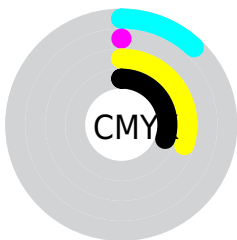
Distribution



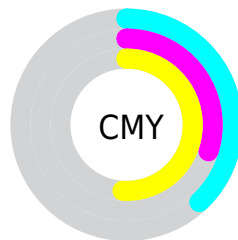
- Red (62%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4631, 40.4641, 25.1154 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 33.4631, 40.4641, 25.1154 by changing the saturation by 10% instead.


 33.4631, 40.4641,
25.1154


 33.4631, 40.4641,
25.1154


309.3596,
348.0758, 291.8782


 22.6424, 27.9006,
15.9432


 64.4477, 75.8697,
52.8108

 14.4489, 18.2507,
9.3301


 85.3423, 99.4806,
72.1712

 8.5173, 11.1301,
4.8574


 110.3256,
127.5427, 95.7647

 4.4823, 6.1544,
2.1065

139.7629,
160.4405, 124.0098

 1.9784, 2.9392,
0.6197

174.0196,
198.5583, 157.3252

 0.6218, 1.1001,
0.0000

213.4611,

 0.0000, 0.0000,

242.2805, 196.1294

0.0000

258.4526,
291.9916, 240.8409

■ 33.4631, 40.4641,
25.1154

■ 33.4631, 40.4641,
25.1154

■ 31.1251, 39.3786,
19.6510

■ 36.0830, 41.6739,
31.6554

■ 29.0537, 38.4071,
15.2018

■ 38.9929, 43.0074,
39.3218

■ 27.2366, 37.5458,
11.7058


■ 42.2047, 44.4707,
48.1651

■ 25.6592, 36.7889,
9.0927


■ 45.7283, 46.0680,
58.2322


■ 24.3051, 36.1295,
7.2827


■ 49.5733, 47.8033,
69.5674


 23.1549, 35.5597,
6.1818

 53.7487, 49.6802,
82.2127

 22.1998, 35.0792,
5.6009

 58.2634, 51.7025,
96.2083

 61.2342, 53.1171,
101.6330

 63.2780, 54.1707,
101.7286

Harmonies

Analogous

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



37.8757, 40.4641, 22.1695



33.4631, 40.4641, 25.1154



30.5948, 40.4641, 33.0602

Triad

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



33.4631, 40.4641, 25.1154



34.3987, 40.4641, 73.0480



48.6975, 40.4641, 42.3980

Complementary

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



33.4631, 40.4641, 25.1154



26.9222, 23.6505, 45.2677

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.



47.5692, 40.4641, 57.2599



33.4631, 40.4641, 25.1154



39.0501, 40.4641, 77.0156

Square

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



33.4631, 40.4641, 25.1154



31.1017, 40.4641, 60.7995



43.9309, 40.4641, 70.7174



46.8957, 40.4641, 30.7127

Rectangle

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



33.4631, 40.4641, 25.1154



29.8032, 40.4641, 41.0877



43.9309, 40.4641, 70.7174



48.6489, 40.4641, 47.1692

Sweetspot

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



33.4641, 40.4659, 25.1163



71.3672, 78.2885, 73.0866



32.0793, 31.0808, 23.3778



15.6332, 17.2634, 15.7109



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.4641, 40.4659, 25.1163



57.9583, 72.1144, 39.0947



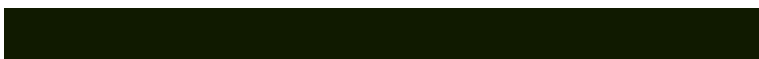
28.8117, 38.0675, 24.8985



8.8706, 9.7384, 9.0647



15.9554, 25.1354, 4.0107



0.5650, 0.8233, 0.1291

Inverse Universe

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



26.9222, 23.6505, 45.2677



44.2998, 36.9940, 81.1869



32.1925, 26.3674, 45.5144



8.3442, 8.3859, 10.6852



7.5836, 3.2453, 30.3637



0.3051, 0.1364, 0.9585

Previews

White Background



This preview shows how the XYZ color 33.4631, 40.4641, 25.1154 looks on a white background.

Color Contrast Check

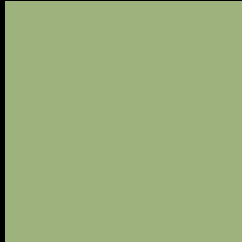
Large Text (above 18pt) WCAG AA × Fail

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 33.4631, 40.4641, 25.1154 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 33.4631, 40.4641, 25.1154

Background



This preview shows how black text looks on a background with the XYZ color 33.4631, 40.4641, 25.1154.



This preview shows how white text looks on a background with the XYZ color 33.4631, 40.4641,

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

33.4631, 40.4641, 25.1154

Protanopia

37.5931, 40.3203, 23.8904

Deuteranopia

41.0154, 40.1442, 25.6655



Tritanopia

38.5435, 40.2095, 51.0771

Trichromacy



Original Color

33.4631, 40.4641, 25.1154

Protanomaly

35.9120, 40.2910, 24.2965

Deuteranomaly

37.7761, 39.8259, 25.4348

Tritanomaly

36.3654, 40.1772, 40.0207

Monochromacy



Original Color

33.4631, 40.4641, 25.1154

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.0649, 38.7703, 34.9135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4631, 40.4641, 25.1154 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(157, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 124)  
}
```

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(157, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 124) }
```

Border

The CSS property to change the border of an element to XYZ 33.4631, 40.4641, 25.1154 is called "border". The border property can be set on classes, ids or directly on the HTML element.

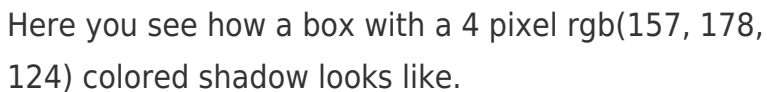
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 178, 124) }
```


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

```
.border{ border-color:rgb(157, 178, 124) }
```

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



Here you see how a box with a 4 pixel rgb(157, 178, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(157, 178,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4631, 40.4641, 25.1154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 124) }
```

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

```
.background{ background-color: rgb(157,  
178, 124) }
```

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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