

Converting Colors

XYZ(31.0681, 34.1986, 25.7799)

Have a look what the booklet for
XYZ(31.0681, 34.1986, 25.7799)
contains.

XYZ(31.0305, 34.2002, 25.7347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0305, 34.2002,
25.7347)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A081
RGB	160, 160, 129
RGB Percent	63%, 63%, 51%
CMY	0.3725, 0.3725, 0.4941
CMYK	0.00, 0.00, 0.19, 0.37
HSL	60°, 14%, 57%
HSV	60°, 19%, 63%
XYZ	31.0305, 34.2002, 25.7347
YIQ	156.4660, 9.9510, -9.6410

Conversions

Conversions Part 2

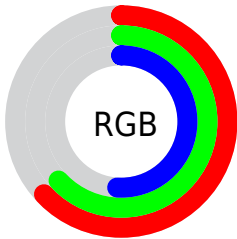
Format	Color
RYB	129, 160, 129
Decimal	10526849
CIELab	65.12, -5.37, 16.21
CIElCh	65, 17.075, 108.343
Yxy	34.2002, 0.3411, 0.3760
Android (android.graphics.Color)	4288716929 (0xFFA0A081)
YUV	156.4660, -13.5407, 3.0993
Hunter-Lab	58.4809, -7.6280, 14.8459

Details

The XYZ color **31.0305, 34.2002, 25.7347** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.2500, 22.9066, 36.4556**, and the grayscale version is **31.8646, 33.5240, 36.5077**.

A 20% lighter version of the original color is **60.7683, 66.4253, 53.8745**, and **13.1009, 14.7046, 9.7372** is the 20% darker color. If you saturate the color by 10%, you get **30.0492, 33.8088, 20.5651**, and if you desaturate by 10%, it is **32.1802, 34.6613, 31.7830**.

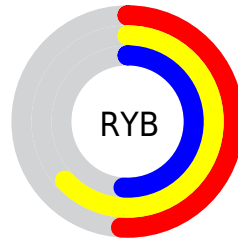
Distribution



Red (63%)

Green (63%)

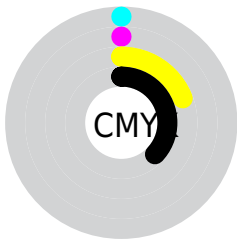
Blue (51%)



Red (51%)

Yellow (63%)

Blue (51%)

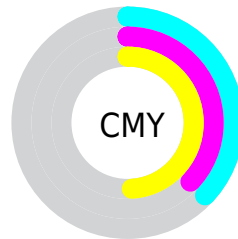


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0305, 34.2002, 25.7347 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 31.0305, 34.2002, 25.7347 by changing the saturation by 10% instead.

■ 31.0305, 34.2002,
25.7347

■ 31.0305, 34.2002,
25.7347

298.5032,
321.0238, 295.0412

■ 20.7740, 23.0474,
16.4013

■ 60.6636, 66.2449,
53.8255

■ 13.0704, 14.6285,
9.6511

■ 80.7709, 87.9056,
73.4199

■ 7.5544, 8.5591,
5.0657

■ 104.8926,
113.8377, 97.2717

■ 3.8606, 4.4547,
2.2265

133.3939,
144.4257, 125.7996

■ 1.6236, 1.9311,
0.6896

166.6403,
180.0539, 159.4219

■ 0.4077, 0.5669,
0.0000

204.9971,

■ 0.0000, 0.0000,

221.1067, 198.5572

0.0000

248.8296,
267.9686, 243.6242

■ 31.0305, 34.2002,
25.7347

■ 31.0305, 34.2002,
25.7347

■ 30.0492, 33.8088,
20.5651

■ 32.1802, 34.6613,
31.7830

■ 29.2258, 33.4794,
16.2312

■ 33.5028, 35.1904,
38.7459

■ 28.5530, 33.2102,
12.6899

■ 35.0060, 35.7917,
46.6598

■ 28.0215, 32.9976,
9.8933

■ 36.6963, 36.4678,
55.5588

■ 27.6214, 32.8375,
7.7881

■ 38.5797, 37.2213,
65.4749

■ 27.3412, 32.7254,
6.3144

■ 40.6622, 38.0543,
76.4390

■ 27.1675, 32.6559,
5.4016

■ 42.9492, 38.9691,
88.4806

■ 27.0714, 32.6174,
4.8976

■ 45.1218, 39.8382,
99.9191

■ 27.0659, 32.6152,
4.8688

■ 45.1221, 39.8384,
99.9191

Harmonies

Analogous

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



33.4780, 34.2002, 25.4143



31.0305, 34.2002, 25.7347



29.0765, 34.2002, 28.8886

Triad

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



31.0305, 34.2002, 25.7347



29.4426, 34.2002, 48.3859



37.3969, 34.2002, 40.0625

Complementary

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



31.0305, 34.2002, 25.7347



23.2500, 22.9066, 36.4556

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.



36.1957, 34.2002, 47.0590



31.0305, 34.2002, 25.7347



31.5535, 34.2002, 52.2563

Square

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



31.0305, 34.2002, 25.7347



28.1923, 34.2002, 41.6973



34.0281, 34.2002, 51.7421



37.2393, 34.2002, 33.1089

Rectangle

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



31.0305, 34.2002, 25.7347



28.2780, 34.2002, 32.4282



34.0281, 34.2002, 51.7421



37.1363, 34.2002, 42.5018

Sweetspot

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



31.0314, 34.2017, 25.7354



59.1744, 63.2305, 61.6417



26.3110, 24.7599, 24.1618



12.9472, 13.8551, 13.3579



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.0314, 34.2017, 25.7354



55.5799, 61.7926, 42.7192



28.1237, 32.7027, 25.5993



7.1701, 7.7203, 7.0979



21.0828, 25.4053, 3.7925



0.3770, 0.4543, 0.0678

Inverse Universe

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



23.2500, 22.9066, 36.4556



38.9676, 37.6790, 65.6055



25.7856, 24.2138, 36.5743



6.2848, 6.4353, 8.3176



4.9430, 1.9772, 26.0284



0.0884, 0.0354, 0.4654

Previews

White Background



This preview shows how the XYZ color 31.0305, 34.2002, 25.7347 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 31.0305, 34.2002, 25.7347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

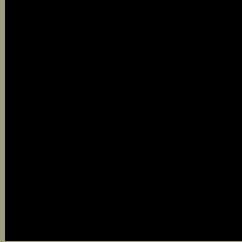
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0305, 34.2002, 25.7347

Background



This preview shows how black text looks on a background with the XYZ color 31.0305, 34.2002, 25.7347.



This preview shows how white text looks on a background with the XYZ color 31.0305, 34.2002, 25.7347.

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

31.0305, 34.2002, 25.7347

Protanopia

32.0595, 34.2277, 25.3390

Deuteranopia

34.8534, 34.1624, 26.2298



Tritanopia

34.2134, 34.2320, 41.3634

Trichromacy



Original Color

31.0305, 34.2002, 25.7347

Protanomaly

31.6043, 34.2473, 25.3667

Deuteranomaly

33.4298, 34.1684, 25.9523

Tritanomaly

32.9110, 34.2004, 35.0037

Monochromacy



Original Color

31.0305, 34.2002, 25.7347

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1499, 33.3574, 31.9910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0305, 34.2002, 25.7347 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(160, 160, 129)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 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(160, 160, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.0305, 34.2002, 25.7347 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(160, 160, 129) }
```


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

```
.border{ border-color:rgb(160, 160, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 160, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 160, 129); box-shadow:4px 4px 4px 4px rgb(160, 160, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0305, 34.2002, 25.7347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 129) }
```

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

```
.background{ background-color: rgb(160,  
160, 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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