

Converting Colors

XYZ(31.7391, 34.5775, 41.4238)

Have a look what the booklet for
XYZ(31.7391, 34.5775, 41.4238)
contains.

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Color

**XYZ(31.7525, 34.4828,
41.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	93A1A7
RGB	147, 161, 167
RGB Percent	58%, 63%, 65%
CMY	0.4235, 0.3686, 0.3451
CMYK	0.12, 0.04, 0.00, 0.35
HSL	198°, 10%, 62%
HSV	198°, 12%, 65%
XYZ	31.7525, 34.4828, 41.5415
YIQ	157.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

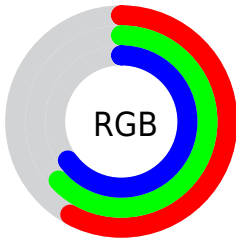
Format	Color
RYB	147, 155, 167
Decimal	9675175
CIELab	65.34, -3.68, -4.81
CIELCh	65, 6.058, 232.539
Yxy	34.4828, 0.2946, 0.3199
Android (android.graphics.Color)	4287865255 (0xFF93A1A7)
YUV	157.4980, 4.6845, -9.2067
Hunter-Lab	58.7221, -6.2441, -0.8378

Details

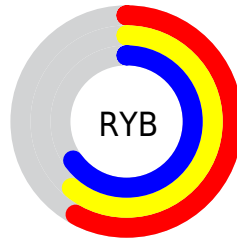
The XYZ color **31.7525, 34.4828, 41.5415** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5941, 33.1042, 32.2761**, and the grayscale version is **32.2559, 33.9357, 36.9560**.

A 20% lighter version of the original color is **61.8281, 66.8032, 78.7429**, and **13.4943, 14.8765, 18.3799** is the 20% darker color. If you saturate the color by 10%, you get **28.1151, 31.3353, 41.1262**, and if you desaturate by 10%, it is **35.8617, 37.9275, 41.9904**.

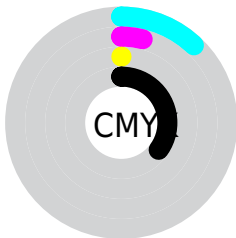
Distribution



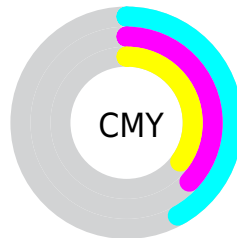
- Red (58%)
- Green (63%)
- Blue (65%)



- Red (58%)
- Yellow (61%)
- Blue (65%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7525, 34.4828, 41.5415 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 31.7525, 34.4828, 41.5415 by changing the saturation by 10% instead.

■ 31.7525, 34.4828,
41.5415

■ 31.7525, 34.4828,
41.5415

301.7556,
322.2795, 368.3222

■ 21.3272, 23.2647,
28.4196

■ 61.7907, 66.6838,
78.7678

■ 13.4772, 14.7891,
18.4004

■ 82.1343, 88.4355,
103.7093

■ 7.8372, 8.6715,
11.0654

106.5146,
114.4672, 133.4276

■ 4.0419, 4.5276,
5.9961

135.2971,
145.1633, 168.3415

■ 1.7259, 1.9728,
2.7740

168.8471,
180.9081, 208.8693

■ 0.4724, 0.5916,
0.9804

207.5300,

■ 0.0000, 0.0000,

222.0862, 255.4297

0.0000

251.7110,
269.0819, 308.4411

■ 31.7525, 34.4828,
41.5415

■ 31.7525, 34.4828,
41.5415

■ 28.1151, 31.3353,
41.1262

■ 35.8617, 37.9275,
41.9904

■ 24.9274, 28.4701,
40.7412

■ 40.4577, 41.6748,
42.4714

■ 22.1702, 25.8776,
40.3861

■ 45.5584, 45.7355,
42.9864

■ 19.8212, 23.5458,
40.0598

■ 51.1799, 50.1185,
43.5361

■ 17.8563, 21.4616,
39.7611

■ 57.3375, 54.8322,
44.1214

■ 16.2487, 19.6105,
39.4885

■ 64.0461, 59.8848,
44.7431

■ 14.9678, 17.9761,
39.2406

■ 67.9684, 63.5565,
45.2450

■ 13.9772, 16.5390,
39.0154

■ 69.1174, 65.8545,
45.6280

■ 13.3274, 15.4945,
38.8480

■ 70.3044, 68.2287,
46.0237

Harmonies

Analogous

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



31.2308, 34.4828, 39.4418



31.7525, 34.4828, 41.5415



32.5548, 34.4828, 42.5792

Triad

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



31.7525, 34.4828, 41.5415



34.4882, 34.4828, 38.1812



32.1280, 34.4828, 33.2294

Complementary

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



31.7525, 34.4828, 41.5415



32.5941, 33.1042, 32.2761

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.



32.9959, 34.4828, 32.9257



31.7525, 34.4828, 41.5415



34.3690, 34.4828, 35.7118

Square

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



31.7525, 34.4828, 41.5415



34.1418, 34.4828, 40.5833



33.8189, 34.4828, 33.8151



31.4449, 34.4828, 34.6640

Rectangle

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



31.7525, 34.4828, 41.5415



33.1451, 34.4828, 42.4979



33.8189, 34.4828, 33.8151



32.4074, 34.4828, 32.9944

Sweetspot

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



31.7535, 34.4842, 41.5423



62.6114, 66.5874, 75.0280



31.5741, 36.1299, 35.3030



13.8870, 14.7976, 16.7764



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.



31.7535, 34.4842, 41.5423



55.3109, 60.4281, 74.2239



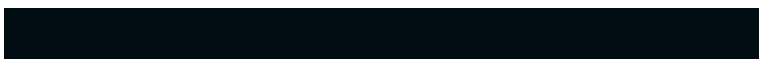
30.1285, 31.2343, 41.0006



7.5548, 8.1465, 9.5926



10.2424, 11.9450, 29.7413



0.2907, 0.3737, 0.7375

Inverse Universe

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



32.8038, 31.6568, 38.1013



57.5275, 54.5390, 66.9443



34.2414, 36.3988, 32.8252



7.7446, 7.6277, 8.9725



14.6705, 7.2769, 13.6083



0.3779, 0.1854, 0.4415

Previews

White Background



This preview shows how the XYZ color 31.7525, 34.4828, 41.5415 looks on a white background.

Color Contrast Check

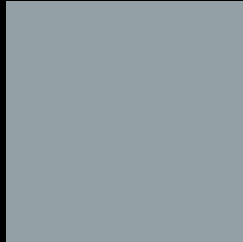
Large Text (above 18pt) WCAG AA × Fail

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 31.7525, 34.4828, 41.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

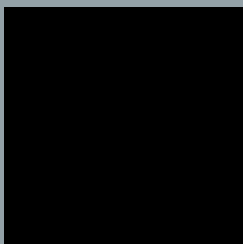
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

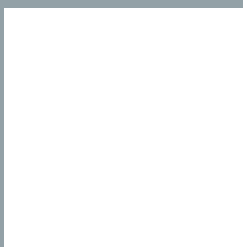
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7525, 34.4828, 41.5415

Background



This preview shows how black text looks on a background with the XYZ color 31.7525, 34.4828, 41.5415.



This preview shows how white text looks on a background with the XYZ color 31.7525, 34.4828,

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

31.7525, 34.4828, 41.5415

Protanopia

33.3165, 34.5413, 40.5085

Deuteranopia

34.9857, 34.3734, 41.8366



Tritanopia

32.3264, 34.4546, 44.4818

Trichromacy



Original Color

31.7525, 34.4828, 41.5415

Protanomaly

32.7986, 34.5180, 41.0104

Deuteranomaly

33.8228, 34.5182, 41.9258

Tritanomaly

32.1342, 34.3778, 43.4700

Monochromacy



Original Color

31.7525, 34.4828, 41.5415

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1576, 34.2395, 38.6322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7525, 34.4828, 41.5415 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(147, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(147, 161, 167)  
}
```

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(147, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 161, 167) }
```

Border

The CSS property to change the border of an element to XYZ 31.7525, 34.4828, 41.5415 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(147, 161, 167) }
```


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

```
.border{ border-color:rgb(147, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 161, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 161, 167); box-shadow:4px 4px 4px 4px rgb(147, 161, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7525, 34.4828, 41.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 161, 167) }
```

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

```
.background{ background-color: rgb(147,  
161, 167) }
```

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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