

Converting Colors

XYZ(31.7966, 34.8481, 41.5112)

Have a look what the booklet for
XYZ(31.7966, 34.8481, 41.5112)
contains.

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Color

**XYZ(31.7494, 34.7417,
41.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	92A2A7
RGB	146, 162, 167
RGB Percent	57%, 64%, 65%
CMY	0.4274, 0.3647, 0.3451
CMYK	0.13, 0.03, 0.00, 0.35
HSL	194°, 11%, 61%
HSV	194°, 13%, 65%
XYZ	31.7494, 34.7417, 41.5917
YIQ	157.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

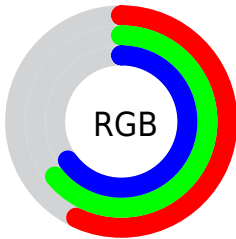
Format	Color
R_{YB}	146, 155, 167
Decimal	9609895
CIE _{Lab}	65.55, -4.57, -4.52
CIE _{LCh}	66, 6.426, 224.658
Yxy	34.7417, 0.2938, 0.3214
Android (android.graphics.Color)	4287799975 (0xFF92A2A7)
YUV	157.7860, 4.5425, -10.3363
Hunter-Lab	58.9421, -6.9989, -0.5777

Details

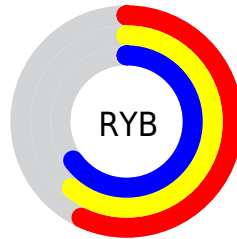
The XYZ color **31.7494, 34.7417, 41.5917** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1914, 32.4237, 31.7563**, and the grayscale version is **32.3869, 34.0736, 37.1061**.

A 20% lighter version of the original color is **61.8171, 67.1790, 78.8160**, and **13.3898, 14.8226, 18.3750** is the 20% darker color. If you saturate the color by 10%, you get **28.3061, 31.9446, 41.2338**, and if you desaturate by 10%, it is **35.6505, 37.8095, 41.9788**.

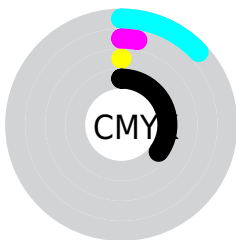
Distribution



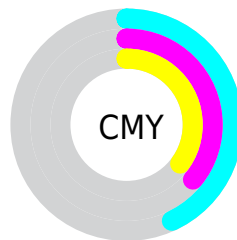
- Red (57%)
- Green (64%)
- Blue (65%)



- Red (57%)
- Yellow (61%)
- Blue (65%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7494, 34.7417, 41.5917 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 31.7494, 34.7417, 41.5917 by changing the saturation by 10% instead.

■ 31.7494, 34.7417,
41.5917

■ 31.7494, 34.7417,
41.5917

301.7417,
323.4267, 368.5372

■ 21.3248, 23.4640,
28.4585

■ 61.7859, 67.0854,
78.8447

■ 13.4754, 14.9365,
18.4296

■ 82.1284, 88.9202,
103.8016

■ 7.8360, 8.7748,
11.0862

106.5077,
115.0428, 133.5369

■ 4.0411, 4.5946,
6.0099

135.2890,
145.8376, 168.4690

■ 1.7254, 2.0114,
2.7822

168.8377,
181.6890, 209.0166

■ 0.4721, 0.6141,
0.9845

207.5191,

■ 0.0000, 0.0000,

222.9814, 255.5981

0.0000

251.6987,
270.0992, 308.6321

■ 31.7494, 34.7417,
41.5917

■ 31.7494, 34.7417,
41.5917

■ 28.3061, 31.9446,
41.2338

■ 35.6505, 37.8095,
41.9788

■ 25.2987, 29.4039,
40.9019

■ 40.0242, 41.1531,
42.3936

■ 22.7079, 27.1101,
40.5957

■ 44.8883, 44.7830,
42.8379

■ 20.5117, 25.0518,
40.3142

■ 50.2588, 48.7077,
43.3124

■ 18.6861, 23.2161,
40.0561

■ 56.1508, 52.9352,
43.8179

■ 17.2042, 21.5889,
39.8201

■ 62.5791, 57.4735,
44.3550

■ 16.0354, 20.1541,
39.6048

■ 66.5903, 60.8002,
44.7857

■ 15.1431, 18.8925,
39.4083

■ 67.4618, 62.5433,
45.0762

■ 14.5981, 18.0360,
39.2717

■ 68.3570, 64.3336,
45.3746

Harmonies

Analogous

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



31.2997, 34.7417, 39.1555



31.7494, 34.7417, 41.5917



32.5441, 34.7417, 43.0533

Triad

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



31.7494, 34.7417, 41.5917



34.7984, 34.7417, 39.2168



32.5648, 34.7417, 33.0285

Complementary

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



31.7494, 34.7417, 41.5917



32.1914, 32.4237, 31.7563

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.



33.5024, 34.7417, 33.0432



31.7494, 34.7417, 41.5917



34.8042, 34.7417, 36.5305

Square

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



31.7494, 34.7417, 41.5917



34.3103, 34.7417, 41.6384



34.3260, 34.7417, 34.2981



31.7643, 34.7417, 34.2571

Rectangle

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



31.7494, 34.7417, 41.5917



33.1682, 34.7417, 43.2364



34.3260, 34.7417, 34.2981



32.8741, 34.7417, 32.8902

Sweetspot

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



31.7504, 34.7431, 41.5925



62.7476, 66.8598, 75.0734



31.2511, 35.9801, 34.5338



13.9229, 14.8694, 16.7884



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.



31.7504, 34.7431, 41.5925



55.1196, 60.8238, 74.3103



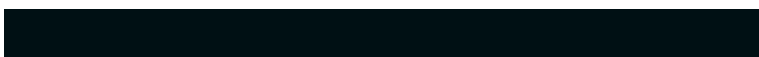
29.9930, 31.2284, 41.0067



7.5940, 8.2250, 9.6057



11.2096, 13.8793, 30.0637



0.3085, 0.4092, 0.7434

Inverse Universe

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



32.7376, 31.3825, 38.5162



57.2411, 53.6973, 67.6777



33.9401, 35.9212, 32.3392



7.7644, 7.6356, 9.0767



15.1587, 7.4722, 16.1789



0.3869, 0.1890, 0.4887

Previews

White Background



This preview shows how the XYZ color 31.7494, 34.7417, 41.5917 looks on a white background.

Color Contrast Check

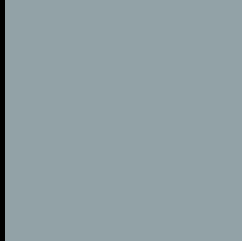
Large Text (above 18pt) WCAG AA × Fail

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 31.7494, 34.7417, 41.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

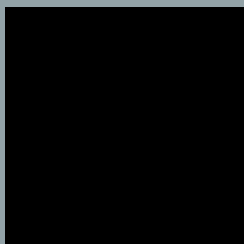
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

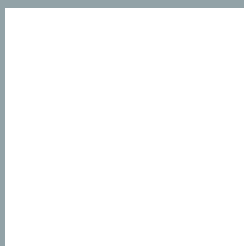
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.7494, 34.7417, 41.5917

Background



This preview shows how black text looks on a background with the XYZ color 31.7494, 34.7417, 41.5917.



This preview shows how white text looks on a background with the XYZ color 31.7494, 34.7417,

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

31.7494, 34.7417, 41.5917

Protanopia

33.5156, 34.6439, 40.5178

Deuteranopia

35.2946, 34.5218, 42.3393



Tritanopia

32.4175, 34.7488, 45.0430

Trichromacy



Original Color

31.7494, 34.7417, 41.5917

Protanomaly

32.7986, 34.5180, 41.0104

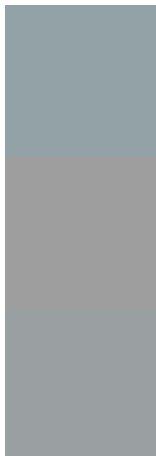
Deuteranomaly

33.8228, 34.5182, 41.9258

Tritanomaly

32.1282, 34.6331, 43.5196

Monochromacy



Original Color

31.7494, 34.7417, 41.5917

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 31.7494, 34.7417, 41.5917 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(146, 162, 167) looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 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(146, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 31.7494, 34.7417, 41.5917 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(146, 162, 167) }
```


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

```
.border{ border-color:rgb(146, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 162,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7494, 34.7417, 41.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 167) }
```

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

```
.background{ background-color: rgb(146,  
162, 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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