

Converting Colors

XYZ(31.4174, 34.4383, 35.7685)

Have a look what the booklet for
XYZ(31.4174, 34.4383, 35.7685)
contains.

XYZ(31.3401, 34.4021, 35.5603)	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(31.3401, 34.4021,
35.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	97A19A
RGB	151, 161, 154
RGB Percent	59%, 63%, 60%
CMY	0.4078, 0.3686, 0.3961
CMYK	0.06, 0.00, 0.04, 0.37
HSL	138°, 5%, 61%
HSV	138°, 6%, 63%
XYZ	31.3401, 34.4021, 35.5603
YIQ	157.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

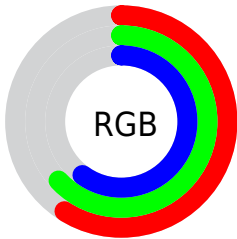
Format	Color
RYB	151, 159, 161
Decimal	9937306
CIELab	65.28, -4.92, 2.41
CIELCh	65, 5.477, 153.920
Yxy	34.4021, 0.3094, 0.3396
Android (android.graphics.Color)	4288127386 (0xFF97A19A)
YUV	157.2120, -1.5835, -5.4479
Hunter-Lab	58.6533, -7.2657, 5.1110

Details

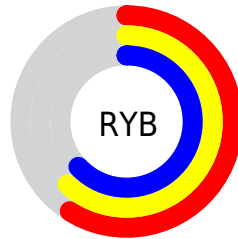
The XYZ color **31.3401, 34.4021, 35.5603** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9374, 32.1798, 36.8775**, and the grayscale version is **32.1521, 33.8265, 36.8371**.

A 20% lighter version of the original color is **61.1179, 66.6449, 69.3170**, and **13.2796, 14.8405, 14.9965** is the 20% darker color. If you saturate the color by 10%, you get **27.6587, 32.6087, 30.7157**, and if you desaturate by 10%, it is **35.5197, 36.4441, 40.8899**.

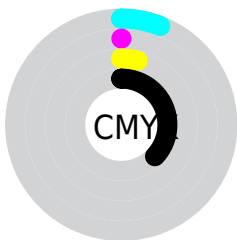
Distribution



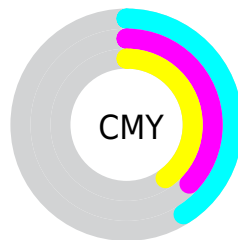
- Red (59%)
- Green (63%)
- Blue (60%)



- Red (59%)
- Yellow (62%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3401, 34.4021, 35.5603 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 31.3401, 34.4021, 35.5603 by changing the saturation by 10% instead.

■ 31.3401, 34.4021,
35.5603

■ 31.3401, 34.4021,
35.5603

299.9011,
321.9213, 342.0137

■ 21.0111, 23.2027,
23.8078

■ 61.1473, 66.5585,
69.5142

■ 13.2446, 14.7432,
14.9802

■ 81.3562, 88.2842,
92.5528

■ 7.6753, 8.6394,
8.6590

105.5891,
114.2875, 120.1904

■ 3.9380, 4.5067,
4.4257

134.2114,
144.9528, 152.8456

■ 1.6671, 1.9609,
1.8617

167.5884,
180.6644, 190.9370

■ 0.4355, 0.5846,
0.4682

206.0854,

■ 0.0000, 0.0000,

221.8068, 234.8832

0.0000

250.0679,
268.7643, 285.1025

■ 31.3401, 34.4021,
35.5603

■ 31.3401, 34.4021,
35.5603

■ 27.6587, 32.6087,
30.7157

■ 35.5197, 36.4441,
40.8899

■ 24.4538, 31.0500,
26.3402

■ 40.2125, 38.7393,
46.7152

■ 21.7062, 29.7175,
22.4207

■ 45.4363, 41.2974,
53.0494

■ 19.3945, 28.6003,
18.9422

■ 51.2072, 44.1267,
59.9044

■ 17.4953, 27.6869,
15.8892

■ 57.5408, 47.2348,
67.2920

■ 15.9831, 26.9643,
13.2451

■ 64.4518, 50.6292,
75.2233

■ 14.8293, 26.4182,
10.9922

■ 68.6795, 52.6286,
83.5560

■ 14.0013, 26.0321,
9.1117

■ 70.3410, 53.2932,
92.3055

■ 13.4543, 25.7833,
7.5826

■ 72.0355, 53.9710,
101.2285

Harmonies

Analogous

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



31.8499, 34.4021, 33.9306



31.3401, 34.4021, 35.5603



31.1920, 34.4021, 37.7590

Triad

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



31.3401, 34.4021, 35.5603



32.8031, 34.4021, 42.0125



33.9872, 34.4021, 35.0604

Complementary

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



31.3401, 34.4021, 35.5603



31.9374, 32.1798, 36.8775

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.



34.2520, 34.4021, 37.1586



31.3401, 34.4021, 35.5603



33.5614, 34.4021, 41.2218

Square

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



31.3401, 34.4021, 35.5603



32.0286, 34.4021, 41.5426



34.0949, 34.4021, 39.4221



33.3770, 34.4021, 33.6504

Rectangle

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



31.3401, 34.4021, 35.5603



31.3163, 34.4021, 39.2670



34.0949, 34.4021, 39.4221



34.1200, 34.4021, 35.7055

Sweetspot

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



31.3411, 34.4036, 35.5611



59.1408, 63.0821, 67.5613



32.4655, 35.0117, 34.3255



12.9900, 13.8444, 14.8422



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.



31.3411, 34.4036, 35.5611



55.4839, 61.2974, 62.8506



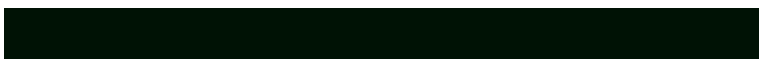
31.7521, 34.5680, 37.7253



7.2351, 8.0094, 8.1914



10.6260, 20.5367, 5.7469



0.2432, 0.4395, 0.2257

Inverse Universe

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



31.9374, 32.1798, 36.8775



56.7023, 56.7537, 65.5403



31.5292, 32.0165, 34.7280



7.4007, 7.3918, 8.5570



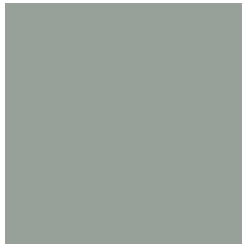
14.1251, 7.0061, 13.1151



0.3161, 0.1549, 0.3772

Previews

White Background



This preview shows how the XYZ color 31.3401, 34.4021, 35.5603 looks on a white background.

Color Contrast Check

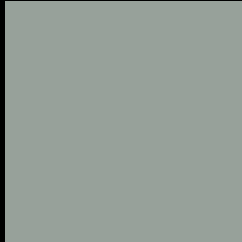
Large Text (above 18pt) WCAG AA × Fail

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 31.3401, 34.4021, 35.5603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

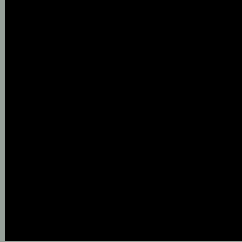
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

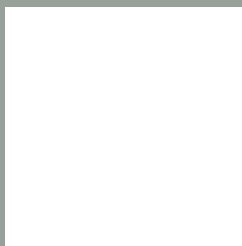
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3401, 34.4021, 35.5603

Background



This preview shows how black text looks on a background with the XYZ color 31.3401, 34.4021, 35.5603.



This preview shows how white text looks on a background with the XYZ color 31.3401, 34.4021,

35.5603.

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

31.3401, 34.4021, 35.5603

Protanopia

32.9986, 34.5072, 34.6271

Deuteranopia

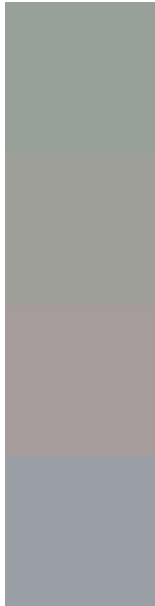
35.0712, 34.2967, 36.2240



Tritanopia

32.9040, 34.2640, 43.4075

Trichromacy



Original Color

31.3401, 34.4021, 35.5603

Protanomaly

32.4460, 34.4671, 35.0797

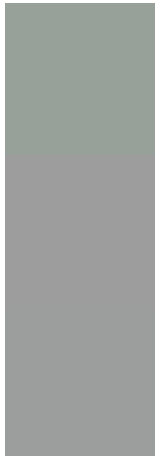
Deuteranomaly

33.5307, 34.2505, 35.8541

Tritanomaly

32.3265, 34.2852, 40.5112

Monochromacy



Original Color

31.3401, 34.4021, 35.5603

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7452, 33.8226, 36.3078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3401, 34.4021, 35.5603 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(151, 161, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 154)  
}
```

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(151, 161, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.3401, 34.4021, 35.5603 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(151, 161, 154) }
```


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

```
.border{ border-color:rgb(151, 161, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3401, 34.4021, 35.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 154) }
```

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

```
.background{ background-color: rgb(151,  
161, 154) }
```

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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