

Converting Colors

XYZ(31.6929, 35.7531, 37.5891)

Have a look what the booklet for
XYZ(31.6929, 35.7531, 37.5891)
contains.

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Color

**XYZ(31.8404, 35.9441,
37.6075)**

Conversions

Conversions Part 1

Format	Color
Hex	93A69E
RGB	147, 166, 158
RGB Percent	58%, 65%, 62%
CMY	0.4235, 0.3490, 0.3804
CMYK	0.11, 0.00, 0.05, 0.35
HSL	155°, 10%, 61%
HSV	155°, 11%, 65%
XYZ	31.8404, 35.9441, 37.6075
YIQ	159.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

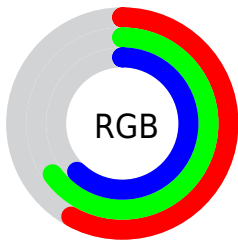
Format	Color
RYB	147, 159, 166
Decimal	9676446
CIELab	66.48, -8.25, 1.88
CIELCh	66, 8.460, 167.180
Yxy	35.9441, 0.3021, 0.3411
Android (android.graphics.Color)	4287866526 (0xFF93A69E)
YUV	159.4070, -0.6937, -10.8809
Hunter-Lab	59.9534, -10.1196, 4.7760

Details

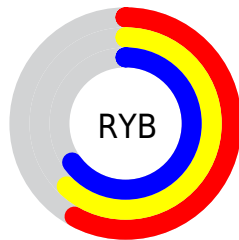
The XYZ color **31.8404, 35.9441, 37.6075** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0773, 31.3419, 35.3709**, and the grayscale version is **33.1478, 34.8740, 37.9778**.

A 20% lighter version of the original color is **61.9541, 68.9345, 72.9912**, and **13.4950, 15.5830, 16.2065** is the 20% darker color. If you saturate the color by 10%, you get **28.4912, 34.2861, 34.3988**, and if you desaturate by 10%, it is **35.6555, 37.8403, 41.0182**.

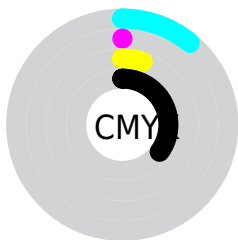
Distribution



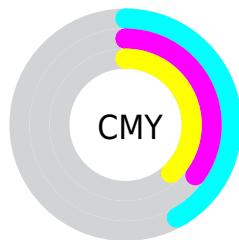
- Red (58%)
- Green (65%)
- Blue (62%)



- Red (58%)
- Yellow (62%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8404, 35.9441, 37.6075 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 31.8404, 35.9441, 37.6075 by changing the saturation by 10% instead.

■ 31.8404, 35.9441,
37.6075

■ 31.8404, 35.9441,
37.6075

302.1498,
328.7162, 351.1808

■ 21.3946, 24.3910,
25.3787

■ 61.9277, 68.9458,
72.7029

■ 13.5268, 15.6239,
16.1379

■ 82.2999, 91.1632,
96.4066

■ 7.8718, 9.2584,
9.4664

106.7115,
117.7041, 124.7723

■ 4.0641, 4.9101,
4.9457

135.5281,
148.9530, 158.2187

■ 1.7385, 2.1946,
2.1572

169.1148,
185.2943, 197.1641

■ 0.4802, 0.7171,
0.6495

207.8371,

■ 0.0000, 0.0000,

227.1123, 242.0273

0.0000

252.0603,
274.7915, 293.2267

■ 31.8404, 35.9441,
37.6075

■ 31.8404, 35.9441,
37.6075

■ 28.4912, 34.2861,
34.3988

■ 35.6555, 37.8403,
41.0182

■ 25.5859, 32.8520,
31.3859

■ 39.9511, 39.9793,
44.6323

■ 23.1054, 31.6331,
28.5657

■ 44.7452, 42.3711,
48.4541

■ 21.0278, 30.6182,
25.9340

■ 50.0536, 45.0239,
52.4871

■ 19.3293, 29.7950,
23.4865

■ 55.8917, 47.9456,
56.7348

■ 17.9833, 29.1499,
21.2187

■ 62.2741, 51.1436,
61.2004

■ 16.9597, 28.6675,
19.1259

■ 66.1317, 53.0357,
65.7428

■ 16.2230, 28.3295,
17.2028

■ 67.0053, 53.3852,
70.3432

■ 15.7526, 28.1201,
15.6867

■ 67.9173, 53.7499,
75.1454

Harmonies

Analogous

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



32.4059, 35.9441, 34.5788



31.8404, 35.9441, 37.6075



31.8862, 35.9441, 41.2367

Triad

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



31.8404, 35.9441, 37.6075



34.8893, 35.9441, 46.1968



35.8485, 35.9441, 34.2339

Complementary

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



31.8404, 35.9441, 37.6075



32.0773, 31.3419, 35.3709

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.



36.5473, 35.9441, 37.1099



31.8404, 35.9441, 37.6075



35.9841, 35.9441, 44.0792

Square

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



31.8404, 35.9441, 37.6075



33.6255, 35.9441, 46.3506



36.5975, 35.9441, 40.7074



34.7078, 35.9441, 32.7136

Rectangle

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



31.8404, 35.9441, 37.6075



32.2572, 35.9441, 43.5117



36.5975, 35.9441, 40.7074



36.1441, 35.9441, 35.0658

Sweetspot

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



31.8414, 35.9456, 37.6083



63.5364, 68.0906, 73.4202



32.4663, 36.3723, 32.9137



14.0913, 15.1743, 16.3187



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.



31.8414, 35.9456, 37.6083



55.9923, 64.3451, 66.5771



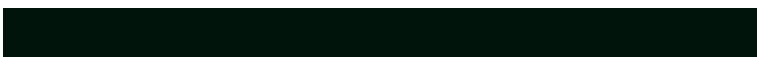
32.3239, 35.7719, 41.2792



7.6119, 8.4778, 8.9426



12.2385, 21.8141, 12.2885



0.3225, 0.5406, 0.4291

Inverse Universe

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



32.0773, 31.3419, 35.3709



56.5156, 54.1342, 61.6153



31.6252, 31.4780, 32.0133



7.6573, 7.5928, 8.5124



13.0720, 6.6375, 5.1907



0.3438, 0.1718, 0.2617

Previews

White Background



This preview shows how the XYZ color 31.8404, 35.9441, 37.6075 looks on a white background.

Color Contrast Check

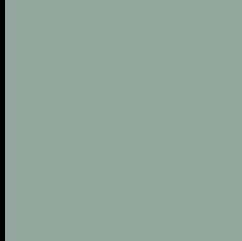
Large Text (above 18pt) WCAG AA × Fail

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 31.8404, 35.9441, 37.6075 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

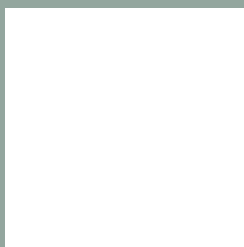
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8404, 35.9441, 37.6075

Background



This preview shows how black text looks on a background with the XYZ color 31.8404, 35.9441, 37.6075.



This preview shows how white text looks on a background with the XYZ color 31.8404, 35.9441,

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

31.8404, 35.9441, 37.6075

Protanopia

34.3871, 35.9633, 36.1396

Deuteranopia

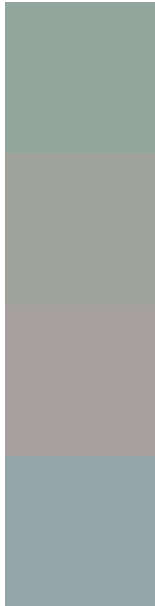
36.3651, 35.6621, 38.2245



Tritanopia

33.5113, 35.8130, 46.2207

Trichromacy



Original Color

31.8404, 35.9441, 37.6075

Protanomaly

33.3960, 35.9656, 36.6344

Deuteranomaly

34.5547, 35.7518, 37.8804

Tritanomaly

32.8313, 35.8051, 42.7168

Monochromacy



Original Color

31.8404, 35.9441, 37.6075

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6959, 35.3124, 37.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8404, 35.9441, 37.6075 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, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(147, 166, 158)  
}
```

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, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 166, 158) }
```

Border

The CSS property to change the border of an element to XYZ 31.8404, 35.9441, 37.6075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

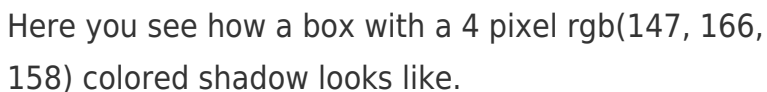
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 166, 158) }
```


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

```
.border{ border-color:rgb(147, 166, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 166, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 166, 158); box-shadow:4px 4px 4px 4px rgb(147, 166, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8404, 35.9441, 37.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 166, 158) }
```

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

```
.background{ background-color: rgb(147,  
166, 158) }
```

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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