

Converting Colors

XYZ(37.6684, 41.5463, 44.4127)

Have a look what the booklet for
XYZ(37.6684, 41.5463, 44.4127)
contains.

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Color

**XYZ(37.7763, 41.6723,
44.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B0AB
RGB	162, 176, 171
RGB Percent	64%, 69%, 67%
CMY	0.3647, 0.3098, 0.3294
CMYK	0.08, 0.00, 0.03, 0.31
HSL	159°, 8%, 66%
HSV	159°, 8%, 69%
XYZ	37.7763, 41.6723, 44.5806
YIQ	171.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

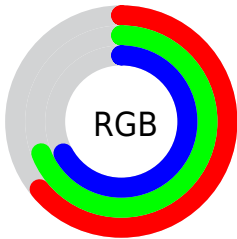
Format	Color
RYB	162, 171, 176
Decimal	10662059
CIELab	70.64, -5.85, 0.88
CIELCh	71, 5.914, 171.483
Yxy	41.6723, 0.3046, 0.3360
Android (android.graphics.Color)	4288852139 (0xFFA2B0AB)
YUV	171.2440, -0.1203, -8.1070
Hunter-Lab	64.5541, -8.5135, 4.2426

Details

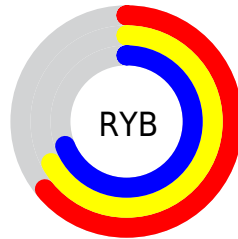
The XYZ color **37.7763, 41.6723, 44.5806** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8014, 37.8619, 41.8769**, and the grayscale version is **38.8353, 40.8577, 44.4941**.

A 20% lighter version of the original color is **71.1994, 77.9559, 83.2459**, and **16.9678, 19.0622, 20.2378** is the 20% darker color. If you saturate the color by 10%, you get **33.8633, 39.7239, 41.3433**, and if you desaturate by 10%, it is **42.2206, 43.8937, 47.9934**.

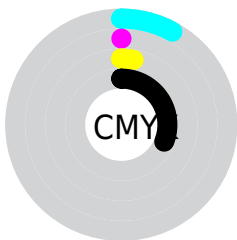
Distribution



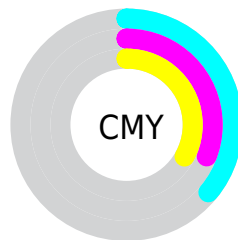
- Red (64%)
- Green (69%)
- Blue (67%)



- Red (64%)
- Yellow (67%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7763, 41.6723, 44.5806 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 37.7763, 41.6723, 44.5806 by changing the saturation by 10% instead.

■ 37.7763, 41.6723,
44.5806

■ 37.7763, 41.6723,
44.5806

327.9569,
353.1227, 381.1828

■ 25.9855, 28.8448,
30.7867

■ 71.0712, 77.7034,
83.4025

■ 16.9454, 18.9634,
20.1794

■ 93.3061, 101.6758,
109.2675

■ 10.2907, 11.6439,
12.3401

119.7531,
130.1320, 139.9933

■ 5.6558, 6.5017,
6.8504

150.7776,
163.4562, 175.9984

■ 2.6756, 3.1525,
3.2917

186.7448,
202.0331, 217.7013

■ 0.9846, 1.2118,
1.2454

228.0202,

■ 0.0000, 0.0713,

246.2468, 265.5207

0.0164

274.9691,
296.4819, 319.8750

■ 0.0000, 0.0000,
0.0000

■ 37.7763, 41.6723,
44.5806

■ 37.7763, 41.6723,
44.5806

■ 33.8633, 39.7239,
41.3433

■ 42.2206, 43.8937,
47.9934

■ 30.4570, 38.0322,
38.2756

■ 47.2125, 46.3928,
51.5818

■ 27.5362, 36.5876,
35.3755

■ 52.7720, 49.1812,
55.3497

■ 25.0764, 35.3776,
32.6395

■ 58.9171, 52.2681,
59.2997

■ 23.0514, 34.3886,
30.0642

■ 65.6647, 55.6620,
63.4346

■ 21.4319, 33.6055,
27.6462

■ 68.2413, 56.9023,
67.5328

■ 20.1850, 33.0115,
25.3815

■ 69.0341, 57.2194,
71.7079

■ 19.2722, 32.5869,
23.2659

■ 69.8581, 57.5490,
76.0466

■ 18.6317, 32.2997,
21.2943

■ 70.7134, 57.8911,
80.5507

Harmonies

Analogous

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



38.1541, 41.6723, 42.1001



37.7763, 41.6723, 44.5806



37.8830, 41.6723, 47.3764

Triad

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



37.7763, 41.6723, 44.5806



40.3014, 41.6723, 50.5757



40.7917, 41.6723, 41.2868

Complementary

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



37.7763, 41.6723, 44.5806



37.8014, 37.8619, 41.8769

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.



41.3852, 41.6723, 43.4289



37.7763, 41.6723, 44.5806



41.0989, 41.6723, 48.8135

Square

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



37.7763, 41.6723, 44.5806



39.3302, 41.6723, 50.9151



41.4985, 41.6723, 46.1769



39.8876, 41.6723, 40.2503

Rectangle

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



37.7763, 41.6723, 44.5806



38.2152, 41.6723, 49.0382



41.4985, 41.6723, 46.1769



41.0347, 41.6723, 41.8971

Sweetspot

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



37.7775, 41.6741, 44.5815



73.1653, 77.9025, 84.4775



38.0128, 41.8912, 40.2654



15.8757, 16.8925, 18.3226



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.7775, 41.6741, 44.5815



66.8557, 74.7529, 79.5219



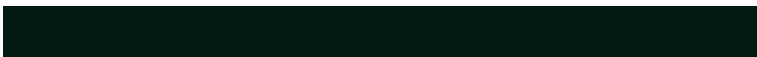
37.9000, 41.1413, 47.0199



8.6112, 9.5790, 10.2121



13.6118, 23.6707, 15.4906



0.4549, 0.7554, 0.6275

Inverse Universe

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



37.8014, 37.8619, 41.8769



66.9104, 66.0417, 73.3420



37.6790, 38.3431, 39.5981



8.6176, 8.5538, 9.4848



13.8184, 7.0449, 4.2036



0.4633, 0.2331, 0.2822

Previews

White Background



This preview shows how the XYZ color 37.7763, 41.6723, 44.5806 looks on a white background.

Color Contrast Check

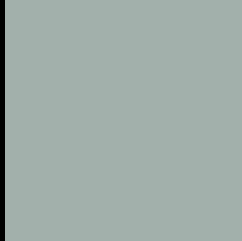
Large Text (above 18pt) WCAG AA × Fail

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 37.7763, 41.6723, 44.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

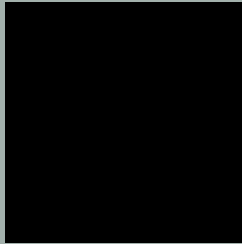
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

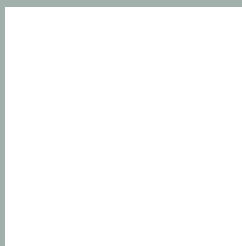
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7763, 41.6723, 44.5806

Background



This preview shows how black text looks on a background with the XYZ color 37.7763, 41.6723, 44.5806.



This preview shows how white text looks on a background with the XYZ color 37.7763, 41.6723,

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

37.7763, 41.6723, 44.5806

Protanopia

40.0454, 41.7167, 43.4776

Deuteranopia

42.3478, 41.4734, 45.3084



Tritanopia

39.6227, 41.8593, 53.0050

Trichromacy



Original Color

37.7763, 41.6723, 44.5806

Protanomaly

39.2125, 41.5601, 43.9854

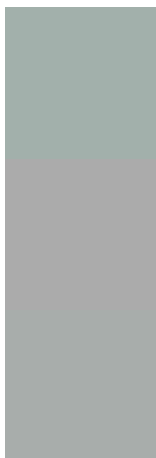
Deuteranomaly

40.4115, 41.3117, 44.8738

Tritanomaly

38.9803, 41.8887, 49.7469

Monochromacy



Original Color

37.7763, 41.6723, 44.5806

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4427, 41.1522, 44.4451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7763, 41.6723, 44.5806 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(162, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 171)  
}
```

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(162, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.7763, 41.6723, 44.5806 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(162, 176, 171) }
```


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

```
.border{ border-color:rgb(162, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7763, 41.6723, 44.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 171) }
```

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

```
.background{ background-color: rgb(162,  
176, 171) }
```

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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