

Converting Colors

XYZ(35.7399, 37.9294, 44.9666)

Have a look what the booklet for
XYZ(35.7399, 37.9294, 44.9666)
contains.

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Color

**XYZ(35.6762, 37.7631,
44.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A6AD
RGB	160, 166, 173
RGB Percent	63%, 65%, 68%
CMY	0.3725, 0.3490, 0.3216
CMYK	0.08, 0.04, 0.00, 0.32
HSL	212°, 7%, 65%
HSV	212°, 8%, 68%
XYZ	35.6762, 37.7631, 44.9438
YIQ	165.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

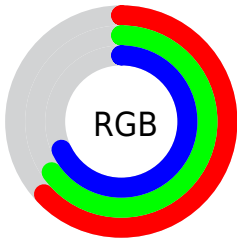
Format	Color
RYB	160, 164, 173
Decimal	10528429
CIELab	67.85, -0.73, -4.35
CIELCh	68, 4.412, 260.502
Yxy	37.7631, 0.3014, 0.3190
Android (android.graphics.Color)	4288718509 (0xFFA0A6AD)
YUV	165.0040, 3.9420, -4.3885
Hunter-Lab	61.4517, -3.9111, -0.3466

Details

The XYZ color **35.6762, 37.7631, 44.9438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3976, 39.0594, 38.8264**, and the grayscale version is **35.7506, 37.6125, 40.9600**.

A 20% lighter version of the original color is **67.8844, 71.7614, 83.6722**, and **15.7752, 16.6663, 20.4746** is the 20% darker color. If you saturate the color by 10%, you get **30.8238, 32.8399, 44.2499**, and if you desaturate by 10%, it is **41.1346, 43.1827, 45.7028**.

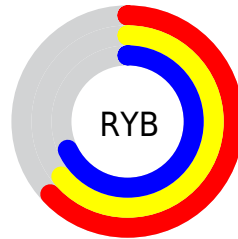
Distribution



Red (63%)

Green (65%)

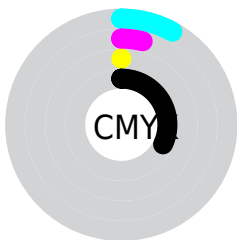
Blue (68%)



Red (63%)

Yellow (64%)

Blue (68%)

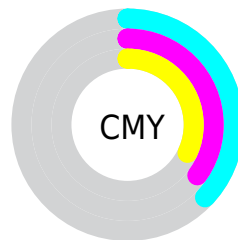


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (35%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6762, 37.7631, 44.9438 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 35.6762, 37.7631, 44.9438 by changing the saturation by 10% instead.

■ 35.6762, 37.7631,
44.9438

■ 35.6762, 37.7631,
44.9438

318.9990,
336.6026, 382.6994

■ 24.3532, 25.7989,
31.0705

■ 67.8591, 71.7449,
83.9536

■ 15.7220, 16.6732,
20.3936

■ 89.4498, 94.5312,
109.9273

■ 9.4172, 10.0018,
12.4946

115.1936,
121.6938, 140.7715

■ 5.0736, 5.4001,
6.9549

145.4561,
153.6168, 176.9047

■ 2.3257, 2.4839,
3.3559

180.6025,
190.6849, 218.7456

■ 0.8078, 0.8686,
1.2791

220.9982,

■ 0.0000, 0.0000,

233.2822, 266.7126

0.0446

267.0086,
281.7934, 321.2244

■ 0.0000, 0.0000,
0.0000

■ 35.6762, 37.7631,
44.9438

■ 35.6762, 37.7631,
44.9438

■ 30.8238, 32.8399,
44.2499

■ 41.1346, 43.1827,
45.7028

■ 26.5519, 28.3931,
43.6167

■ 47.2170, 49.1086,
46.5260

■ 22.8378, 24.4081,
43.0433

■ 53.9443, 55.5564,
47.4160

■ 19.6558, 20.8675,
42.5276

■ 61.3359, 62.5393,
48.3743

■ 16.9784, 17.7528,
42.0675

■ 69.4099, 70.0702,
49.4023

■ 14.7752, 15.0440,
41.6608

■ 74.8712, 76.4538,
50.3466

■ 13.0121, 12.7190,
41.3049

■ 77.4114, 81.5342,
51.1934

■ 11.6497, 10.7525,
40.9972

■ 80.0903, 86.8920,
52.0863

■ 10.6288, 9.1091,
40.7337

■ 82.9101, 92.5315,
53.0262

Harmonies

Analogous

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



35.0630, 37.7631, 44.0917



35.6762, 37.7631, 44.9438



36.3551, 37.7631, 44.7458

Triad

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



35.6762, 37.7631, 44.9438



37.1382, 37.7631, 39.8130



34.8878, 37.7631, 38.7691

Complementary

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



35.6762, 37.7631, 44.9438



37.3976, 39.0594, 38.8264

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.



35.4342, 37.7631, 37.6910



35.6762, 37.7631, 44.9438



36.7354, 37.7631, 38.2803

Square

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



35.6762, 37.7631, 44.9438



37.2049, 37.7631, 41.7420



36.1101, 37.7631, 37.5150



34.6117, 37.7631, 40.4994

Rectangle

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



35.6762, 37.7631, 44.9438



36.7533, 37.7631, 44.0473



36.1101, 37.7631, 37.5150



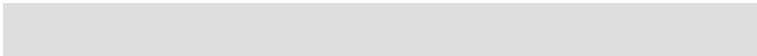
35.0456, 37.7631, 38.3207

Sweetspot

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



35.6773, 37.7647, 44.9446



69.1145, 72.8397, 81.2225



36.4102, 40.1489, 42.3580



15.0443, 15.8537, 17.6548



82.5889, 86.8899, 94.6231



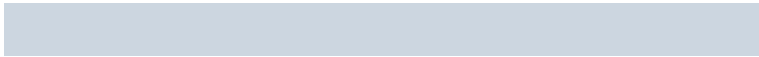
15.4596, 16.2647, 17.7123

Same Dimension

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



35.6773, 37.7647, 44.9446



62.3943, 66.1250, 80.2806



34.6982, 35.6777, 44.5934



7.8722, 8.3438, 10.1483



7.6984, 6.5306, 29.8993



0.2693, 0.2919, 0.8501

Inverse Universe

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



36.6881, 36.7797, 41.2437



64.5835, 64.0251, 72.2577



38.4272, 41.2607, 39.1971



8.1533, 8.0746, 9.1181



13.7494, 6.9623, 6.3259



0.4103, 0.2048, 0.3224

Previews

White Background



This preview shows how the XYZ color 35.6762, 37.7631, 44.9438 looks on a white background.

Color Contrast Check

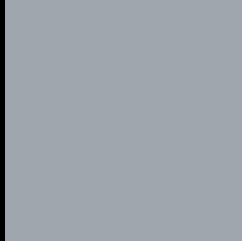
Large Text (above 18pt) WCAG AA × Fail

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 35.6762, 37.7631, 44.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

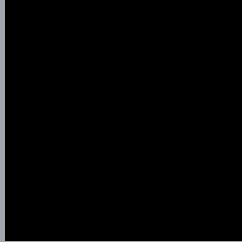
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

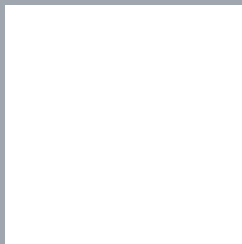
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6762, 37.7631, 44.9438

Background



This preview shows how black text looks on a background with the XYZ color 35.6762, 37.7631, 44.9438.



This preview shows how white text looks on a background with the XYZ color 35.6762, 37.7631,

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

35.6762, 37.7631, 44.9438

Protanopia

36.4477, 37.6365, 44.3733

Deuteranopia

38.3422, 37.5447, 45.2704



Tritanopia

36.1890, 37.7017, 47.4893

Trichromacy



Original Color

35.6762, 37.7631, 44.9438

Protanomaly

36.2114, 37.7813, 44.4137

Deuteranomaly

37.3549, 37.5546, 45.3243

Tritanomaly

35.9895, 37.6219, 46.4392

Monochromacy



Original Color

35.6762, 37.7631, 44.9438

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6273, 37.5240, 42.4109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6762, 37.7631, 44.9438 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(160, 166, 173) looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 173)  
}
```

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(160, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.6762, 37.7631, 44.9438 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(160, 166, 173) }
```


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

```
.border{ border-color:rgb(160, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(160, 166,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6762, 37.7631, 44.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 173) }
```

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

```
.background{ background-color: rgb(160,  
166, 173) }
```

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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