

Converting Colors

XYZ(35.3526, 37.5568, 46.3578)

Have a look what the booklet for
XYZ(35.3526, 37.5568, 46.3578)
contains.

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Color

**XYZ(35.3773, 37.5751,
46.4624)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA6B0
RGB	157, 166, 176
RGB Percent	62%, 65%, 69%
CMY	0.3843, 0.3490, 0.3098
CMYK	0.11, 0.06, 0.00, 0.31
HSL	212°, 11%, 65%
HSV	212°, 11%, 69%
XYZ	35.3773, 37.5751, 46.4624
YIQ	164.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

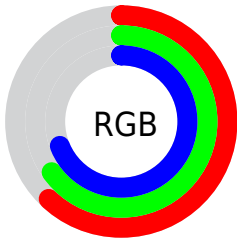
Format	Color
RYB	157, 163, 176
Decimal	10331824
CIELab	67.71, -1.14, -6.25
CIELCh	68, 6.353, 259.687
Yxy	37.5751, 0.2963, 0.3147
Android (android.graphics.Color)	4288521904 (0xFF9DA6B0)
YUV	164.4490, 5.6946, -6.5328
Hunter-Lab	61.2985, -4.2545, -2.0310

Details

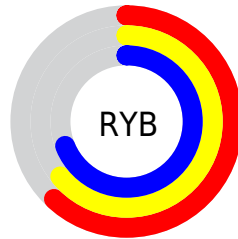
The XYZ color **35.3773, 37.5751, 46.4624** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8092, 39.3016, 37.4922**, and the grayscale version is **35.4780, 37.3257, 40.6477**.

A 20% lighter version of the original color is **67.5733, 71.5361, 86.5903**, and **15.5993, 16.5540, 21.4419** is the 20% darker color. If you saturate the color by 10%, you get **30.5647, 32.6852, 45.7728**, and if you desaturate by 10%, it is **40.8080, 42.9657, 47.2172**.

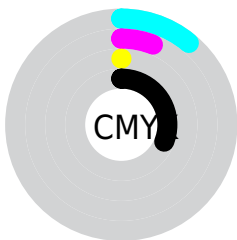
Distribution



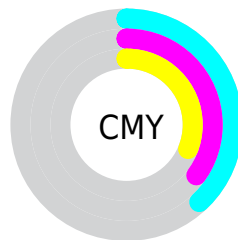
- Red (62%)
- Green (65%)
- Blue (69%)



- Red (62%)
- Yellow (64%)
- Blue (69%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3773, 37.5751, 46.4624 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 35.3773, 37.5751, 46.4624 by changing the saturation by 10% instead.

■ 35.3773, 37.5751,
46.4624

■ 35.3773, 37.5751,
46.4624

317.7095,
335.7937, 388.9960

■ 24.1215, 25.6531,
32.2596

■ 67.4000, 71.4564,
86.2522

■ 15.5490, 16.5643,
21.2934

■ 88.8977, 94.1845,
112.6762

■ 9.2944, 9.9243,
13.1453

114.5401,
121.2834, 144.0110

■ 4.9924, 5.3488,
7.3968

144.6925,
153.1375, 180.6751

■ 2.2775, 2.4533,
3.6293

179.7202,
190.1311, 223.0872

■ 0.7831, 0.8531,
1.4242

219.9888,

■ 0.0000, 0.0000,

232.6488, 271.6656

0.1605

265.8634,
281.0749, 326.8291

■ 0.0000, 0.0000,
0.0000

■ 35.3773, 37.5751,
46.4624

■ 35.3773, 37.5751,
46.4624

■ 30.5647, 32.6852,
45.7728

■ 40.8080, 42.9657,
47.2172

■ 26.3433, 28.2753,
45.1441

■ 46.8758, 48.8672,
48.0366

■ 22.6891, 24.3301,
44.5752

■ 53.6029, 55.2959,
48.9228

■ 19.5749, 20.8317,
44.0641

■ 61.0093, 62.2653,
49.8777

■ 16.9712, 17.7605,
43.6085

■ 69.1142, 69.7889,
50.9027

■ 14.8454, 15.0955,
43.2061

■ 75.0837, 76.4088,
51.8659

■ 13.1606, 12.8131,
42.8544

■ 77.6051, 81.4516,
52.7064

■ 11.8736, 10.8863,
42.5503

■ 80.2636, 86.7687,
53.5925

■ 10.9599, 9.3812,
42.3080

■ 83.0613, 92.3641,
54.5251

Harmonies

Analogous

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



34.5073, 37.5751, 45.1728



35.3773, 37.5751, 46.4624



36.3534, 37.5751, 46.2141

Triad

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



35.3773, 37.5751, 46.4624



37.5200, 37.5751, 39.1195



34.2946, 37.5751, 37.5158

Complementary

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



35.3773, 37.5751, 46.4624



37.8092, 39.3016, 37.4922

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.



35.0822, 37.5751, 36.0334



35.3773, 37.5751, 46.4624



36.9486, 37.5751, 36.9296

Square

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



35.3773, 37.5751, 46.4624



37.6025, 37.5751, 41.8879



36.0528, 37.5751, 35.8239



33.8898, 37.5751, 39.9532

Rectangle

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



35.3773, 37.5751, 46.4624



36.9324, 37.5751, 45.2134



36.0528, 37.5751, 35.8239



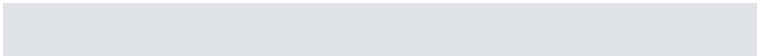
34.5227, 37.5751, 36.8941

Sweetspot

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



35.3784, 37.5767, 46.4632



71.6887, 75.6379, 85.3165



36.3887, 41.0026, 42.4675



15.3617, 16.2197, 18.4654



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.



35.3784, 37.5767, 46.4632



61.9391, 65.9109, 83.9528



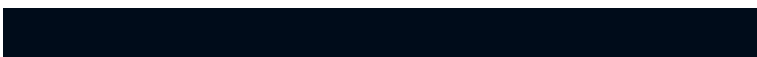
33.8606, 34.4492, 45.9396



8.3629, 8.8721, 10.7780



8.0991, 6.9987, 31.0610



0.3134, 0.3373, 0.9968

Inverse Universe

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



36.8452, 36.0980, 41.1038



65.1619, 62.7388, 72.1607



39.4447, 42.6788, 38.0578



8.6584, 8.5701, 9.6995



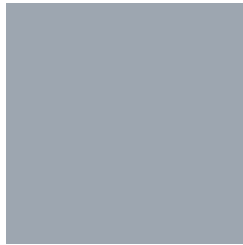
14.3227, 7.2466, 6.8594



0.4802, 0.2398, 0.3715

Previews

White Background



This preview shows how the XYZ color 35.3773, 37.5751, 46.4624 looks on a white background.

Color Contrast Check

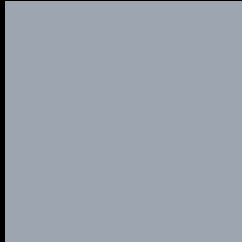
Large Text (above 18pt) WCAG AA × Fail

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 35.3773, 37.5751, 46.4624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

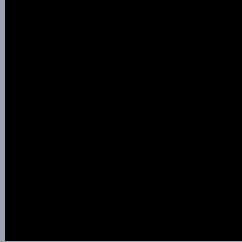
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

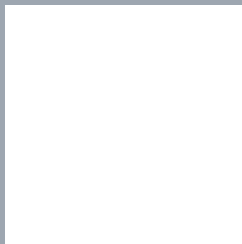
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3773, 37.5751, 46.4624

Background



This preview shows how black text looks on a background with the XYZ color 35.3773, 37.5751, 46.4624.



This preview shows how white text looks on a background with the XYZ color 35.3773, 37.5751,

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

35.3773, 37.5751, 46.4624

Protanopia

36.5304, 37.6454, 45.8984

Deuteranopia

38.1858, 37.4299, 46.8071



Tritanopia

35.6775, 37.6952, 48.0433

Trichromacy



Original Color

35.3773, 37.5751, 46.4624

Protanomaly

36.0933, 37.6868, 45.9294

Deuteranomaly

37.0046, 37.3398, 46.8519

Tritanomaly

35.5767, 37.6549, 47.5125

Monochromacy



Original Color

35.3773, 37.5751, 46.4624

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2210, 37.3145, 42.3919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3773, 37.5751, 46.4624 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(157, 166, 176)` looks like.

```
.text, #text, p{  
    color:rgb(157, 166, 176)  
}
```

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(157, 166, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 166, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.3773, 37.5751, 46.4624 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(157, 166, 176) }
```


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

```
.border{ border-color:rgb(157, 166, 176) }
```

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

Here you see how a box with a 4 pixel rgb(157, 166, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 166, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 166, 176);  
box-shadow:4px 4px 4px 4px rgb(157, 166,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3773, 37.5751, 46.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 166, 176) }
```

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

```
.background{ background-color: rgb(157,  
166, 176) }
```

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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