

Converting Colors

XYZ(37.5278, 36.8177, 56.8101)

Have a look what the booklet for
XYZ(37.5278, 36.8177, 56.8101)
contains.

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Color

**XYZ(37.5254, 36.8683,
56.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A0C3
RGB	163, 160, 195
RGB Percent	64%, 63%, 76%
CMY	0.3608, 0.3725, 0.2353
CMYK	0.16, 0.18, 0.00, 0.24
HSL	245°, 23%, 70%
HSV	245°, 18%, 76%
XYZ	37.5254, 36.8683, 56.7682
YIQ	164.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

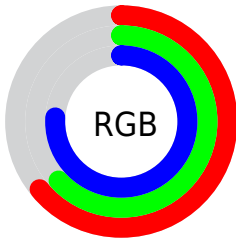
Format	Color
R_{YB}	163, 160, 195
Decimal	10723523
CIE _{Lab}	67.18, 8.28, -17.56
CIE _{LCh}	67, 19.412, 295.236
Yxy	36.8683, 0.2861, 0.2811
Android (android.graphics.Color)	4288913603 (0xFFA3A0C3)
YUV	164.8870, 14.8457, -1.6549
Hunter-Lab	60.7193, 4.0569, -12.9284

Details

The XYZ color **37.5254, 36.8683, 56.7682** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.5997, 52.7756, 40.9374**, and the grayscale version is **35.6454, 37.5017, 40.8393**.

A 20% lighter version of the original color is **70.7846, 70.5346, 101.9792**, and **16.8319, 16.2399, 27.4468** is the 20% darker color. If you saturate the color by 10%, you get **31.0097, 28.8793, 55.5702**, and if you desaturate by 10%, it is **45.0883, 46.1861, 58.1687**.

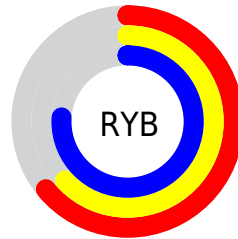
Distribution



Red (64%)

Green (63%)

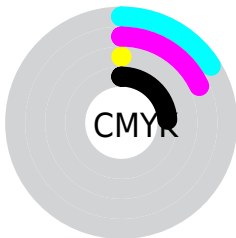
Blue (76%)



Red (64%)

Yellow (63%)

Blue (76%)

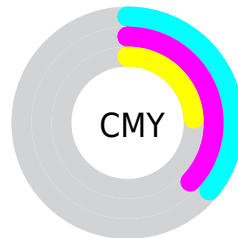


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5254, 36.8683, 56.7682 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 37.5254, 36.8683, 56.7682 by changing the saturation by 10% instead.

■ 37.5254, 36.8683,
56.7682

■ 37.5254, 36.8683,
56.7682

326.8958,
332.7400, 430.0495

■ 25.7901, 25.1055,
40.4110

■ 70.6887, 70.3702,
101.6239

■ 16.7985, 16.1557,
27.5430

■ 92.8474, 92.8781,
130.9594

■ 10.1854, 9.6344,
17.7454

119.2113,
119.7365, 165.4582

■ 5.5852, 5.1572,
10.5998

150.1457,
151.3298, 205.5388

■ 2.6328, 2.3398,
5.6876

186.0160,
188.0424, 251.6197

■ 0.9627, 0.7947,
2.5904

227.1876,

■ 0.0000, 0.0000,

230.2587, 304.1194

0.8875

274.0257,
278.3631, 363.4565

■ 0.0000, 0.0000,
0.0000

■ 37.5254, 36.8683,
56.7682

■ 37.5254, 36.8683,
56.7682

■ 31.0097, 28.8793,
55.5702

■ 45.0883, 46.1861,
58.1687

■ 25.4918, 22.1542,
54.5629

■ 53.7381, 56.8846,
59.7778

■ 20.9232, 16.6295,
53.7373

■ 63.5168, 69.0185,
61.6045

■ 17.2501, 12.2343,
53.0826

■ 74.4630, 82.6383,
63.6565

■ 14.4134, 8.8905,
52.5867

■ 85.8095, 96.1835,
65.6729

■ 12.3467, 6.5096,
52.2360

■ 86.8504, 96.7202,
65.7217

■ 10.9735, 4.9889,
52.0149

■ 10.1899, 4.1797,
51.9000

■ 10.0764, 4.0566,
51.8822

Harmonies

Analogous

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



34.5716, 36.8683, 58.6784



37.5254, 36.8683, 56.7682



39.9293, 36.8683, 50.1744

Triad

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



37.5254, 36.8683, 56.7682



38.3890, 36.8683, 28.1855



29.6704, 36.8683, 38.8045

Complementary

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



37.5254, 36.8683, 56.7682



47.5997, 52.7756, 40.9374

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.



30.5711, 36.8683, 31.5471



37.5254, 36.8683, 56.7682



35.5171, 36.8683, 25.9910

Square

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



37.5254, 36.8683, 56.7682



40.4473, 36.8683, 33.5867



32.6711, 36.8683, 27.1294



30.1415, 36.8683, 47.5021

Rectangle

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



37.5254, 36.8683, 56.7682



40.8395, 36.8683, 44.4426



32.6711, 36.8683, 27.1294



29.8213, 36.8683, 36.1306

Sweetspot

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



37.5265, 36.8698, 56.7690



84.9960, 87.9602, 104.9680



43.2166, 49.1505, 58.8395



18.3779, 18.9716, 22.9432



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.5265, 36.8698, 56.7690



61.8558, 59.4594, 100.6864



41.3419, 38.8367, 56.9476



9.6065, 9.7883, 12.6678



6.5796, 2.6524, 33.7218



0.3122, 0.1290, 1.4583

Inverse Universe

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



44.5921, 40.5510, 55.3476



77.1496, 67.4299, 97.5056



43.4472, 50.6349, 40.7430



10.4589, 10.2322, 12.5070



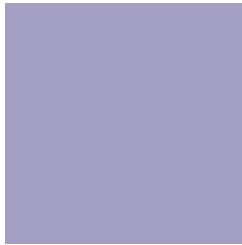
19.8851, 9.6438, 28.3707



0.8703, 0.4211, 1.2846

Previews

White Background



This preview shows how the XYZ color 37.5254, 36.8683, 56.7682 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 37.5254, 36.8683, 56.7682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

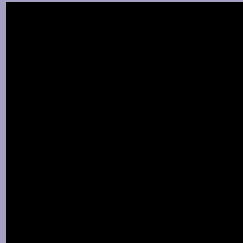
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5254, 36.8683, 56.7682

Background



This preview shows how black text looks on a background with the XYZ color 37.5254, 36.8683, 56.7682.



This preview shows how white text looks on a background with the XYZ color 37.5254, 36.8683,

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

37.5254, 36.8683, 56.7682

Protanopia

36.5944, 36.8941, 57.4171

Deuteranopia

37.7310, 36.9743, 56.7779



Tritanopia

35.4309, 36.8026, 46.3105

Trichromacy



Original Color

37.5254, 36.8683, 56.7682

Protanomaly

37.0068, 36.8462, 57.3861

Deuteranomaly

37.7310, 36.9743, 56.7779

Tritanomaly

36.1655, 36.8366, 50.0038

Monochromacy



Original Color

37.5254, 36.8683, 56.7682

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2435, 37.2215, 46.3485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5254, 36.8683, 56.7682 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(163, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 160, 195)  
}
```

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(163, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 160, 195) }
```

Border

The CSS property to change the border of an element to XYZ 37.5254, 36.8683, 56.7682 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(163, 160, 195) }
```


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

```
.border{ border-color:rgb(163, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 160,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5254, 36.8683, 56.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 160, 195) }
```

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

```
.background{ background-color: rgb(163,  
160, 195) }
```

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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