

Converting Colors

XYZ(36.1719, 37.1751, 57.1278)

Have a look what the booklet for
XYZ(36.1719, 37.1751, 57.1278)
contains.

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Color

**XYZ(36.0747, 37.1664,
56.9023)**

Conversions

Conversions Part 1

Format	Color
Hex	98A4C3
RGB	152, 164, 195
RGB Percent	60%, 64%, 76%
CMY	0.4039, 0.3568, 0.2353
CMYK	0.22, 0.16, 0.00, 0.24
HSL	223°, 26%, 68%
HSV	223°, 22%, 76%
XYZ	36.0747, 37.1664, 56.9023
YIQ	163.9460, -17.1030, 7.0970

Conversions

Conversions Part 2

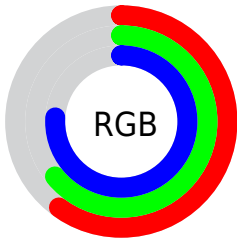
Format	Color
R_{YB}	152, 161, 195
Decimal	10003651
CIE Lab	67.40, 2.52, -17.30
CIE LCh	67, 17.484, 278.299
Yxy	37.1664, 0.2772, 0.2856
Android (android.graphics.Color)	4288193731 (0xFF98A4C3)
YUV	163.9460, 15.3096, -10.4766
Hunter-Lab	60.9643, -1.0627, -12.6646

Details

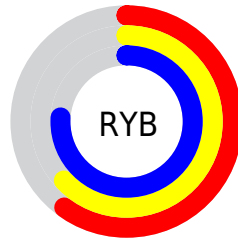
The XYZ color **36.0747, 37.1664, 56.9023** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.1072, 47.7364, 36.5435**, and the grayscale version is **35.1972, 37.0301, 40.3258**.

A 20% lighter version of the original color is **68.6343, 70.9567, 102.1741**, and **15.8574, 16.2208, 27.4944** is the 20% darker color. If you saturate the color by 10%, you get **30.3426, 30.6816, 55.9533**, and if you desaturate by 10%, it is **42.6873, 44.5197, 57.9737**.

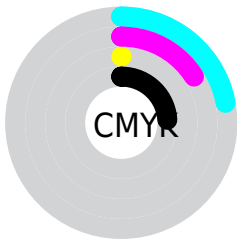
Distribution



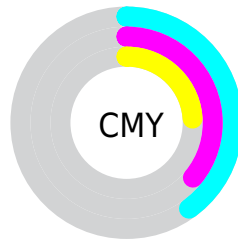
- Red (60%)
- Green (64%)
- Blue (76%)



- Red (60%)
- Yellow (63%)
- Blue (76%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0747, 37.1664, 56.9023 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 36.0747, 37.1664, 56.9023 by changing the saturation by 10% instead.

■ 36.0747, 37.1664,
56.9023

■ 36.0747, 37.1664,
56.9023

320.7125,
334.0304, 430.5666

■ 24.6623, 25.3364,
40.5180

■ 68.4705, 70.8286,
101.8215

■ 15.9530, 16.3278,
27.6258

■ 90.1845, 93.4296,
131.1935

■ 9.5815, 9.7564,
17.8072

116.0631,
120.3897, 165.7318

■ 5.1825, 5.2378,
10.6436

146.4717,
152.0933, 205.8549

■ 2.3906, 2.3874,
5.7166

181.7756,
188.9247, 251.9814

■ 0.8404, 0.8194,
2.6075

222.3401,

■ 0.0000, 0.0000,

231.2685, 304.5298

0.8963

268.5306,
279.5089, 363.9187

■ 0.0000, 0.0000,
0.0000

■ 36.0747, 37.1664,
56.9023

■ 36.0747, 37.1664,
56.9023

■ 30.3426, 30.6816,
55.9533

■ 42.6873, 44.5197,
57.9737

■ 25.4492, 25.0278,
55.1200

■ 50.2127, 52.7683,
59.1692

■ 21.3544, 20.1710,
54.3983

■ 58.6860, 61.9433,
60.4936

■ 18.0132, 16.0733,
53.7835

■ 68.1392, 72.0730,
61.9506

■ 15.3762, 12.6932,
53.2700

■ 78.6029, 83.1844,
63.5438

■ 13.3873, 9.9848,
52.8521

■ 84.7654, 92.5500,
65.0268

■ 11.9806, 7.8958,
52.5230

■ 86.8505, 96.7202,
65.7218

■ 11.1894, 6.6182,
52.3181

Harmonies

Analogous

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



33.4538, 37.1664, 55.7905



36.0747, 37.1664, 56.9023



38.6171, 37.1664, 53.1928

Triad

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



36.0747, 37.1664, 56.9023



39.5268, 37.1664, 31.9916



30.7498, 37.1664, 35.2514

Complementary

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



36.0747, 37.1664, 56.9023



45.1072, 47.7364, 36.5435

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.



32.2265, 37.1664, 29.9537



36.0747, 37.1664, 56.9023



37.2659, 37.1664, 28.2440

Square

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



36.0747, 37.1664, 56.9023



40.6751, 37.1664, 38.3745



34.5868, 37.1664, 27.5482



30.4669, 37.1664, 42.6360

Rectangle

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



36.0747, 37.1664, 56.9023



39.8947, 37.1664, 48.7309



34.5868, 37.1664, 27.5482



31.1193, 37.1664, 33.1961

Sweetspot

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



36.0759, 37.1679, 56.9031



82.9049, 86.8312, 104.8603



40.9930, 49.1177, 52.0207



17.9741, 18.8164, 22.9345



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.



36.0759, 37.1679, 56.9031



59.9528, 61.3239, 101.1466



35.8414, 34.0077, 56.3055



9.7521, 10.1955, 12.7388



7.3344, 4.4252, 34.0242



0.3770, 0.3115, 1.4901

Inverse Universe

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



40.4357, 36.7400, 40.0838



69.0741, 60.6551, 65.9082



45.3562, 51.6975, 37.2949



10.1862, 10.1231, 11.0709



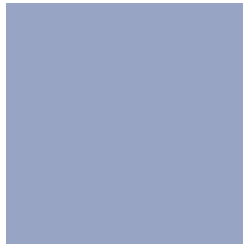
15.0980, 7.7290, 3.1623



0.6827, 0.3461, 0.2965

Previews

White Background



This preview shows how the XYZ color 36.0747, 37.1664, 56.9023 looks on a white background.

Color Contrast Check

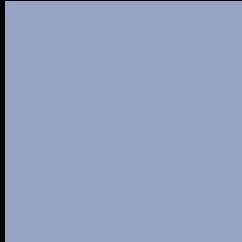
Large Text (above 18pt) WCAG AA × Fail

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 36.0747, 37.1664, 56.9023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

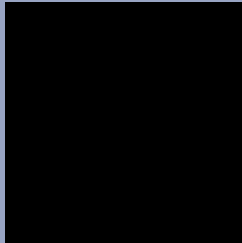
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0747, 37.1664, 56.9023

Background



This preview shows how black text looks on a background with the XYZ color 36.0747, 37.1664, 56.9023.



This preview shows how white text looks on a background with the XYZ color 36.0747, 37.1664,

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

36.0747, 37.1664, 56.9023

Protanopia

36.7585, 37.0048, 56.2442

Deuteranopia

37.8445, 37.0196, 57.3754



Tritanopia

34.4514, 37.3223, 48.5682

Trichromacy



Original Color

36.0747, 37.1664, 56.9023

Protanomaly

36.5451, 37.1573, 56.2849

Deuteranomaly

37.2059, 36.9488, 57.3954

Tritanomaly

34.9709, 37.2592, 51.2475

Monochromacy



Original Color

36.0747, 37.1664, 56.9023

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5105, 37.1196, 45.8506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0747, 37.1664, 56.9023 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(152, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 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(152, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 195) }
```

Border

The CSS property to change the border of an element to XYZ 36.0747, 37.1664, 56.9023 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(152, 164, 195) }
```


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

```
.border{ border-color:rgb(152, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0747, 37.1664, 56.9023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 195) }
```

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

```
.background{ background-color: rgb(152,  
164, 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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