

Converting Colors

XYZ(37.3937, 38.3032, 53.4581)

Have a look what the booklet for
XYZ(37.3937, 38.3032, 53.4581)
contains.

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Color

**XYZ(37.3384, 38.1615,
53.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5BD
RGB	161, 165, 189
RGB Percent	63%, 65%, 74%
CMY	0.3686, 0.3529, 0.2588
CMYK	0.15, 0.13, 0.00, 0.26
HSL	231°, 17%, 69%
HSV	231°, 15%, 74%
XYZ	37.3384, 38.1615, 53.5421
YIQ	166.5400, -10.0880, 6.6160

Conversions

Conversions Part 2

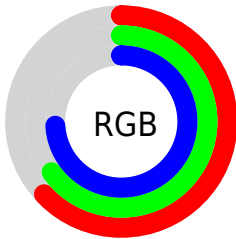
Format	Color
RYB	161, 165, 189
Decimal	10593725
CIELab	68.14, 3.52, -12.79
CIElCh	68, 13.269, 285.393
Yxy	38.1615, 0.2894, 0.2957
Android (android.graphics.Color)	4288783805 (0xFFA1A5BD)
YUV	166.5400, 11.0728, -4.8586
Hunter-Lab	61.7750, -0.2162, -8.1458

Details

The XYZ color **37.3384, 38.1615, 53.5421** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.7685, 48.0897, 40.6417**, and the grayscale version is **36.4594, 38.3582, 41.7720**.

A 20% lighter version of the original color is **70.3935, 72.3779, 96.6464**, and **16.6557, 16.8390, 25.6650** is the 20% darker color. If you saturate the color by 10%, you get **31.0749, 30.8673, 52.4649**, and if you desaturate by 10%, it is **44.5501, 46.4958, 54.7713**.

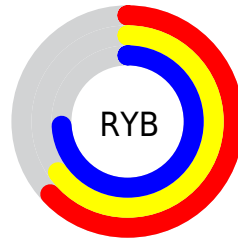
Distribution



Red (63%)

Green (65%)

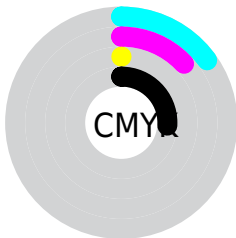
Blue (74%)



Red (63%)

Yellow (65%)

Blue (74%)

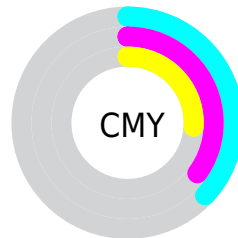


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3384, 38.1615, 53.5421 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 37.3384, 38.1615, 53.5421 by changing the saturation by 10% instead.

■ 37.3384, 38.1615,
53.5421

■ 37.3384, 38.1615,
53.5421

326.1034,
338.3123, 417.4866

■ 25.6445, 26.1081,
37.8450

■ 70.4034, 72.3556,
96.8512

■ 16.6891, 16.9045,
25.5615

■ 92.5052, 95.2651,
125.3003

■ 10.1070, 10.1664,
16.2731

118.8070,
122.5620, 158.8372

■ 5.5328, 5.5094,
9.5612

149.6741,
154.6307, 197.8803

■ 2.6011, 2.5492,
5.0072

185.4720,
191.8558, 242.8483

■ 0.9465, 0.9012,
2.1927

226.5659,

■ 0.0000, 0.0000,

234.6214, 294.1596

0.6701

273.3213,
283.3121, 352.2329

■ 0.0000, 0.0000,
0.0000

■ 37.3384, 38.1615,
53.5421

■ 37.3384, 38.1615,
53.5421

■ 31.0749, 30.8673,
52.4649

■ 44.5501, 46.4958,
54.7713

■ 25.7164, 24.5676,
51.5314

■ 52.7436, 55.9041,
56.1554

■ 21.2219, 19.2204,
50.7361

■ 61.9552, 66.4245,
57.7006

■ 17.5456, 14.7789,
50.0726

■ 72.2185, 78.0917,
59.4116

■ 14.6373, 11.1922,
49.5336

■ 83.3803, 90.8438,
61.2847

■ 12.4414, 8.4045,
49.1112

■ 86.1854, 96.4542,
62.2198

■ 10.8945, 6.3527,
48.7967

■ 9.9214, 4.9640,
48.5800

■ 9.5777, 4.4587,
48.5006

Harmonies

Analogous

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



35.2766, 38.1615, 53.5900



37.3384, 38.1615, 53.5421



39.1802, 38.1615, 50.0835

Triad

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



37.3384, 38.1615, 53.5421



39.1396, 38.1615, 33.9511



32.5536, 38.1615, 38.7418

Complementary

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



37.3384, 38.1615, 53.5421



44.7685, 48.0897, 40.6417

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.



33.5102, 38.1615, 34.0478



37.3384, 38.1615, 53.5421



37.2847, 38.1615, 31.4659

Square

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



37.3384, 38.1615, 53.5421



40.2467, 38.1615, 38.5978



35.2248, 38.1615, 31.4995



32.5668, 38.1615, 44.6519

Rectangle

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



37.3384, 38.1615, 53.5421



40.0127, 38.1615, 46.4822



35.2248, 38.1615, 31.4995



32.7708, 38.1615, 36.9823

Sweetspot

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



37.3396, 38.1631, 53.5430



80.8275, 84.4698, 98.2704



41.6321, 47.4673, 52.7569



17.1568, 17.9060, 21.0945



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.3396, 38.1631, 53.5430



62.7885, 63.6036, 95.1936



38.6820, 37.8002, 53.4022



9.1236, 9.4395, 12.0134



6.4786, 3.0690, 32.6438



0.2896, 0.1918, 1.2906

Inverse Universe

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



40.5236, 39.0261, 40.9961



69.6783, 65.5335, 68.0303



43.2680, 48.5767, 40.8148



9.5842, 9.5580, 10.1996



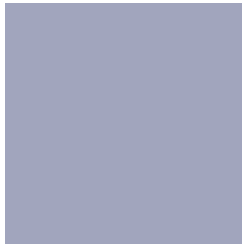
14.2709, 7.3395, 1.4542



0.5771, 0.2947, 0.1521

Previews

White Background



This preview shows how the XYZ color 37.3384, 38.1615, 53.5421 looks on a white background.

Color Contrast Check

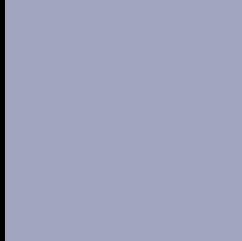
Large Text (above 18pt) WCAG AA × Fail

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 37.3384, 38.1615, 53.5421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

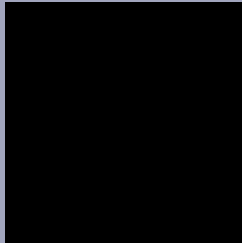
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3384, 38.1615, 53.5421

Background



This preview shows how black text looks on a background with the XYZ color 37.3384, 38.1615, 53.5421.



This preview shows how white text looks on a background with the XYZ color 37.3384, 38.1615,

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

37.3384, 38.1615, 53.5421

Protanopia

37.5407, 38.2658, 53.5515

Deuteranopia

39.0092, 38.2163, 54.0357



Tritanopia

36.3550, 38.3036, 48.6572

Trichromacy



Original Color

37.3384, 38.1615, 53.5421

Protanomaly

37.5407, 38.2658, 53.5515

Deuteranomaly

38.3278, 38.1276, 54.0545

Tritanomaly

36.6807, 38.1649, 50.2330

Monochromacy



Original Color

37.3384, 38.1615, 53.5421

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.8911, 38.3669, 46.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3384, 38.1615, 53.5421 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(161, 165, 189)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 189)  
}
```

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(161, 165, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 189) }
```

Border

The CSS property to change the border of an element to XYZ 37.3384, 38.1615, 53.5421 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(161, 165, 189) }
```


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

```
.border{ border-color:rgb(161, 165, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3384, 38.1615, 53.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 189) }
```

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

```
.background{ background-color: rgb(161,  
165, 189) }
```

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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