

Converting Colors

XYZ(37.1596, 36.9769, 55.0479)

Have a look what the booklet for
XYZ(37.1596, 36.9769, 55.0479)
contains.

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Color

**XYZ(37.1596, 36.9769,
55.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A1C0
RGB	162, 161, 192
RGB Percent	64%, 63%, 75%
CMY	0.3647, 0.3686, 0.2471
CMYK	0.16, 0.16, 0.00, 0.25
HSL	242°, 20%, 69%
HSV	242°, 16%, 75%
XYZ	37.1596, 36.9769, 55.0479
YIQ	164.8330, -9.3550, 9.8530

Conversions

Conversions Part 2

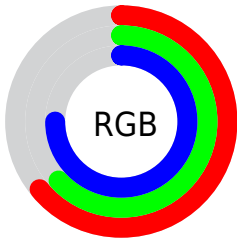
Format	Color
R_{YB}	162, 161, 192
Decimal	10658240
CIE _{Lab}	67.26, 6.73, -15.78
CIE _{LCh}	67, 17.151, 293.099
Yxy	36.9769, 0.2876, 0.2862
Android (android.graphics.Color)	4288848320 (0xFFA2A1C0)
YUV	164.8330, 13.3933, -2.4845
Hunter-Lab	60.8086, 2.6646, -11.1071

Details

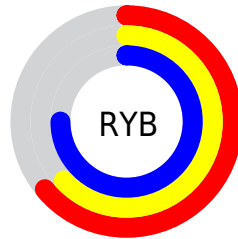
The XYZ color **37.1596, 36.9769, 55.0479** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.7698, 51.3498, 41.1664**, and the grayscale version is **35.6262, 37.4815, 40.8174**.

A 20% lighter version of the original color is **70.1144, 70.6408, 98.7465**, and **16.5938, 16.3018, 26.3167** is the 20% darker color. If you saturate the color by 10%, you get **30.5589, 28.9706, 53.8510**, and if you desaturate by 10%, it is **44.8356, 46.3042, 56.4443**.

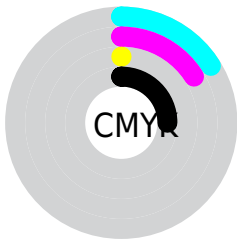
Distribution



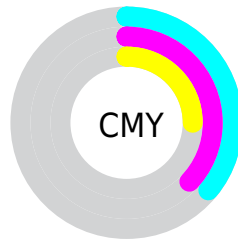
- Red (64%)
- Green (63%)
- Blue (75%)



- Red (64%)
- Yellow (63%)
- Blue (75%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1596, 36.9769, 55.0479 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 37.1596, 36.9769, 55.0479 by changing the saturation by 10% instead.

■ 37.1596, 36.9769,
55.0479

■ 37.1596, 36.9769,
55.0479

325.3445,
333.2105, 423.3805

■ 25.5053, 25.1896,
39.0412

■ 70.1304, 70.5373,
99.0830

■ 16.5847, 16.2184,
26.4837

■ 92.1777, 93.0791,
127.9485

■ 10.0323, 9.6788,
16.9569

118.4200,
119.9746, 161.9373

■ 5.4828, 5.1865,
10.0421

149.2227,
151.6081, 201.4680

■ 2.5709, 2.3571,
5.3209

184.9511,
188.3641, 246.9592

■ 0.9311, 0.8037,
2.3747

225.9707,

■ 0.0000, 0.0000,

230.6269, 298.8293

0.7726

272.6467,
278.7809, 357.4969

■ 0.0000, 0.0000,
0.0000

■ 37.1596, 36.9769,
55.0479

■ 37.1596, 36.9769,
55.0479

■ 30.5589, 28.9706,
53.8510

■ 44.8356, 46.3042,
56.4443

■ 24.9823, 22.2214,
52.8422

■ 53.6281, 57.0035,
58.0460

■ 20.3794, 16.6667,
52.0126

■ 63.5808, 69.1290,
59.8619

■ 16.6944, 12.2369,
51.3518

■ 74.7335, 82.7301,
61.8994

■ 13.8659, 8.8554,
50.8482

■ 86.4818, 96.5689,
63.9513

■ 11.8246, 6.4356,
50.4887

■ 86.5145, 96.5858,
63.9529

■ 10.4909, 4.8775,
50.2583

■ 9.7660, 4.0548,
50.1377

■ 9.5919, 3.8457,
50.1065

Harmonies

Analogous

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



34.5435, 36.9769, 56.3545



37.1596, 36.9769, 55.0479



39.3309, 36.9769, 49.5629

Triad

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



37.1596, 36.9769, 55.0479



38.2586, 36.9769, 29.7889



30.3766, 36.9769, 38.5524

Complementary

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



37.1596, 36.9769, 55.0479



46.7698, 51.3498, 41.1664

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.



31.2680, 36.9769, 32.2034



37.1596, 36.9769, 55.0479



35.7544, 36.9769, 27.5672

Square

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



37.1596, 36.9769, 55.0479



39.9871, 36.9769, 34.8612



33.2054, 36.9769, 28.3928



30.7113, 36.9769, 46.1927

Rectangle

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



37.1596, 36.9769, 55.0479



40.1905, 36.9769, 44.6044



33.2054, 36.9769, 28.3928



30.5413, 36.9769, 36.2102

Sweetspot

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



37.1607, 36.9784, 55.0487



82.8365, 85.8428, 102.5637



42.9498, 48.8565, 57.0363



17.5425, 18.1380, 21.9617



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.1607, 36.9784, 55.0487



63.3462, 62.1638, 99.0204



40.3958, 38.6462, 55.2001



9.5576, 9.7631, 12.6656



6.4670, 2.5943, 33.7165



0.2900, 0.1175, 1.4573

Inverse Universe

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



43.8883, 40.4593, 54.7881



77.6084, 69.5438, 98.4419



43.1845, 49.5015, 40.9986



10.4828, 10.2417, 12.6331



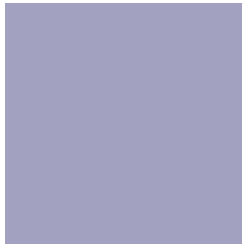
20.5840, 9.9234, 32.0511



0.8938, 0.4305, 1.4084

Previews

White Background



This preview shows how the XYZ color 37.1596, 36.9769, 55.0479 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 37.1596, 36.9769, 55.0479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

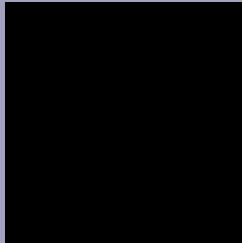
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1596, 36.9769, 55.0479

Background



This preview shows how black text looks on a background with the XYZ color 37.1596, 36.9769, 55.0479.



This preview shows how white text looks on a background with the XYZ color 37.1596, 36.9769,

55.0479.

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

37.1596, 36.9769, 55.0479

Protanopia

36.6465, 36.9600, 55.6546

Deuteranopia

37.8111, 37.0544, 55.0285



Tritanopia

35.5093, 37.0962, 46.8837

Trichromacy



Original Color

37.1596, 36.9769, 55.0479

Protanomaly

36.8440, 37.0618, 55.6638

Deuteranomaly

37.6023, 36.9467, 55.0187

Tritanomaly

36.0379, 37.0454, 49.5070

Monochromacy



Original Color

37.1596, 36.9769, 55.0479

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3232, 37.5386, 45.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1596, 36.9769, 55.0479 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(162, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(162, 161, 192)  
}
```

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(162, 161, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 161, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.1596, 36.9769, 55.0479 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(162, 161, 192) }
```


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

```
.border{ border-color:rgb(162, 161, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 161, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 161, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 161, 192);  
box-shadow:4px 4px 4px 4px rgb(162, 161,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1596, 36.9769, 55.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 161, 192) }
```

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

```
.background{ background-color: rgb(162,  
161, 192) }
```

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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