

Converting Colors

XYZ(37.2986, 37.8525, 56.2617)

Have a look what the booklet for
XYZ(37.2986, 37.8525, 56.2617)
contains.

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Color

**XYZ(37.3111, 37.8169,
56.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA4C2
RGB	159, 164, 194
RGB Percent	62%, 64%, 76%
CMY	0.3765, 0.3568, 0.2392
CMYK	0.18, 0.15, 0.00, 0.24
HSL	231°, 22%, 69%
HSV	231°, 18%, 76%
XYZ	37.3111, 37.8169, 56.3718
YIQ	165.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

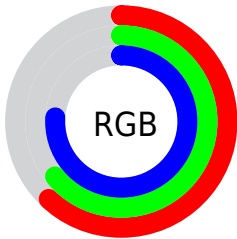
Format	Color
R_{YB}	159, 163, 194
Decimal	10462402
CIE _{Lab}	67.89, 4.53, -15.96
CIE _{LCh}	68, 16.594, 285.834
Yxy	37.8169, 0.2837, 0.2876
Android (android.graphics.Color)	4288652482 (0xFF9FA4C2)
YUV	165.9250, 13.8410, -6.0732
Hunter-Lab	61.4954, 0.6842, -11.3033

Details

The XYZ color **37.3111, 37.8169, 56.3718** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.7039, 50.3675, 40.0620**, and the grayscale version is **36.1498, 38.0324, 41.4173**.

A 20% lighter version of the original color is **70.4757, 71.9242, 101.4351**, and **16.5912, 16.6076, 27.1421** is the 20% darker color. If you saturate the color by 10%, you get **30.9782, 30.4206, 55.2786**, and if you desaturate by 10%, it is **44.6391, 46.3056, 57.6247**.

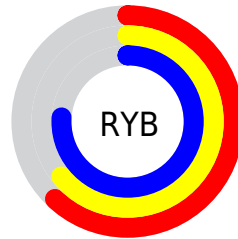
Distribution



Red (62%)

Green (64%)

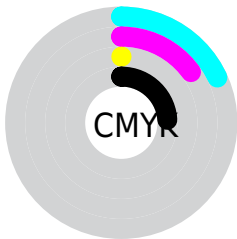
Blue (76%)



Red (62%)

Yellow (64%)

Blue (76%)

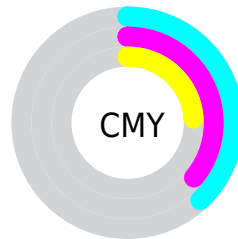


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (38%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3111, 37.8169, 56.3718 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 37.3111, 37.8169, 56.3718 by changing the saturation by 10% instead.

■ 37.3111, 37.8169,
56.3718

■ 37.3111, 37.8169,
56.3718

325.9876,
336.8339, 428.5188

■ 25.6232, 25.8406,
40.0951

■ 70.3617, 71.8274,
101.0392

■ 16.6732, 16.7044,
27.2984

■ 92.4552, 94.6304,
130.2670

■ 10.0956, 10.0240,
17.5630

118.7479,
121.8111, 164.6489

■ 5.5252, 5.4149,
10.4705

149.6052,
153.7539, 204.6034

■ 2.5964, 2.4927,
5.6024

185.3925,
190.8432, 250.5491

■ 0.9441, 0.8730,
2.5400

226.4751,

■ 0.0000, 0.0000,

233.4633, 302.9045

0.8612

273.2184,
281.9988, 362.0883

■ 0.0000, 0.0000,
0.0000

■ 37.3111, 37.8169,
56.3718

■ 37.3111, 37.8169,
56.3718

■ 30.9782, 30.4206,
55.2786

■ 44.6391, 46.3056,
57.6247

■ 25.5940, 24.0678,
54.3361

■ 52.9993, 55.9240,
59.0406

■ 21.1133, 18.7124,
53.5386

■ 62.4308, 66.7133,
60.6260

■ 17.4860, 14.3031,
52.8787

■ 72.9700, 78.7111,
62.3864

■ 14.6569, 10.7843,
52.3486

■ 84.2817, 91.7630,
64.3094

■ 12.5642, 8.0939,
51.9396

■ 86.7377, 96.6751,
65.1281

■ 11.1368, 6.1619,
51.6419

■ 10.2749, 4.8987,
51.4435

■ 10.1465, 4.7127,
51.4144

Harmonies

Analogous

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



34.7463, 37.8169, 56.5036



37.3111, 37.8169, 56.3718



39.6119, 37.8169, 51.8615

Triad

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



37.3111, 37.8169, 56.3718



39.5033, 37.8169, 31.8233



31.3559, 37.8169, 37.8041

Complementary

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



37.3111, 37.8169, 56.3718



46.7039, 50.3675, 40.0620

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.



32.5095, 37.8169, 32.0697



37.3111, 37.8169, 56.3718



37.1686, 37.8169, 28.9062

Square

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



37.3111, 37.8169, 56.3718



40.9181, 37.8169, 37.4288



34.6104, 37.8169, 28.9907



31.3899, 37.8169, 45.1656

Rectangle

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



37.3111, 37.8169, 56.3718



40.6506, 37.8169, 47.2551



34.6104, 37.8169, 28.9907



31.6151, 37.8169, 35.6423

Sweetspot

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



37.3123, 37.8185, 56.3727



85.1613, 88.8370, 105.1286



42.7487, 49.6184, 55.3268



18.4189, 19.1887, 22.9830



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.



37.3123, 37.8185, 56.3727



62.4399, 62.5054, 101.2436



38.9856, 37.3781, 56.1995



9.6419, 9.9751, 12.7020



6.7078, 3.1721, 33.8153



0.3280, 0.2135, 1.4738

Inverse Universe

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



41.3480, 38.9468, 40.4619



71.2553, 65.0721, 66.4664



44.7829, 51.0021, 40.2858



10.1305, 10.1008, 10.7780



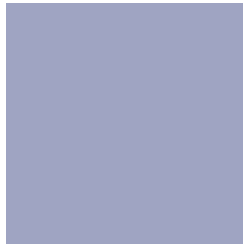
14.7818, 7.6025, 1.4968



0.6580, 0.3362, 0.1663

Previews

White Background



This preview shows how the XYZ color 37.3111, 37.8169, 56.3718 looks on a white background.

Color Contrast Check

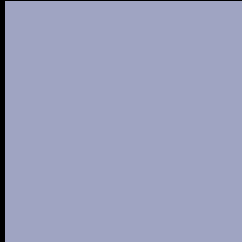
Large Text (above 18pt) WCAG AA × Fail

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 37.3111, 37.8169, 56.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

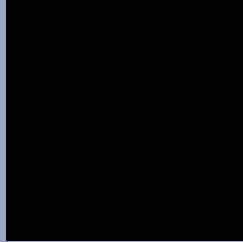
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3111, 37.8169, 56.3718

Background



This preview shows how black text looks on a background with the XYZ color 37.3111, 37.8169, 56.3718.



This preview shows how white text looks on a background with the XYZ color 37.3111, 37.8169,

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

37.3111, 37.8169, 56.3718

Protanopia

37.3111, 37.8169, 56.3718

Deuteranopia

38.5315, 37.6454, 56.8652



Tritanopia

35.5847, 37.6356, 48.5689

Trichromacy



Original Color

37.3111, 37.8169, 56.3718

Protanomaly

37.3111, 37.8169, 56.3718

Deuteranomaly

38.0805, 37.6733, 56.8944

Tritanomaly

36.1167, 37.5811, 51.2493

Monochromacy



Original Color

37.3111, 37.8169, 56.3718

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3959, 37.8314, 46.4582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3111, 37.8169, 56.3718 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(159, 164, 194) looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 194)  
}
```

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(159, 164, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 194) }
```

Border

The CSS property to change the border of an element to XYZ 37.3111, 37.8169, 56.3718 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(159, 164, 194) }
```


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

```
.border{ border-color:rgb(159, 164, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 164, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 164, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 164, 194);  
box-shadow:4px 4px 4px 4px rgb(159, 164,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3111, 37.8169, 56.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 194) }
```

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

```
.background{ background-color: rgb(159,  
164, 194) }
```

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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