

Converting Colors

XYZ(37.7653, 37.9306, 61.8308)

Have a look what the booklet for
XYZ(37.7653, 37.9306, 61.8308)
contains.

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Color

**XYZ(37.7653, 37.9306,
61.8308)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA4CB
RGB	156, 164, 203
RGB Percent	61%, 64%, 80%
CMY	0.3882, 0.3568, 0.2039
CMYK	0.23, 0.19, 0.00, 0.20
HSL	230°, 31%, 70%
HSV	230°, 23%, 80%
XYZ	37.7653, 37.9306, 61.8308
YIQ	166.0540, -17.2870, 10.4330

Conversions

Conversions Part 2

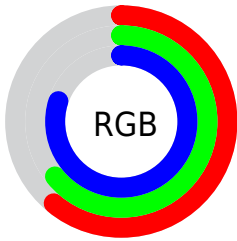
Format	Color
R _Y B	156, 163, 203
Decimal	10265803
CIE Lab	67.97, 5.65, -20.84
CIE LCh	68, 21.596, 285.154
Yxy	37.9306, 0.2746, 0.2758
Android (android.graphics.Color)	4288455883 (0xFF9CA4CB)
YUV	166.0540, 18.2144, -8.8174
Hunter-Lab	61.5878, 1.6765, -16.4124

Details

The XYZ color **37.7653, 37.9306, 61.8308** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.1451, 54.1275, 39.2585**, and the grayscale version is **36.1933, 38.0782, 41.4671**.

A 20% lighter version of the original color is **70.2455, 71.7319, 104.7511**, and **16.9279, 16.7013, 30.7653** is the 20% darker color. If you saturate the color by 10%, you get **31.3432, 30.4381, 60.7237**, and if you desaturate by 10%, it is **45.2456, 46.5631, 63.1034**.

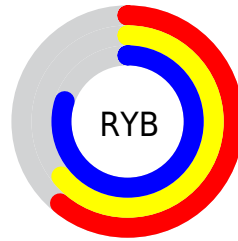
Distribution



Red (61%)

Green (64%)

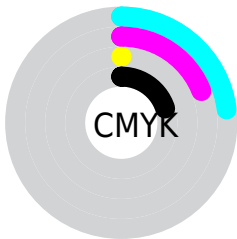
Blue (80%)



Red (61%)

Yellow (64%)

Blue (80%)

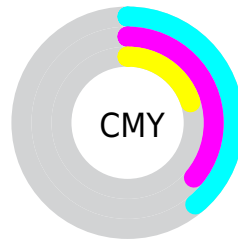


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (39%)

Magenta (36%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7653, 37.9306, 61.8308 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 37.7653, 37.9306, 61.8308 by changing the saturation by 10% instead.

■ 37.7653, 37.9306,
61.8308

■ 37.7653, 37.9306,
61.8308

327.9104,
337.3222, 449.3042

■ 25.9770, 25.9288,
44.4611

■ 71.0545, 72.0018,
109.0502

■ 16.9390, 16.7704,
30.6933

■ 93.2860, 94.8399,
139.7369

■ 10.2860, 10.0709,
20.1089

119.7294,
122.0590, 175.6998

■ 5.6527, 5.4460,
12.2894

150.7499,
154.0434, 217.3572

■ 2.6737, 2.5113,
6.8162

186.7129,
191.1776, 265.1279

■ 0.9837, 0.8823,
3.2707

227.9837,

■ 0.0000, 0.0000,

233.8458, 319.4302

1.2345

274.9278,
282.4325, 380.6828

■ 0.0000, 0.0000,
0.0072

■ 0.0000, 0.0000,
0.0000

■ 37.7653, 37.9306,
61.8308

■ 37.7653, 37.9306,
61.8308

■ 31.3432, 30.4381,
60.7237

■ 45.2456, 46.5631,
63.1034

■ 25.9274, 24.0331,
59.7729

■ 53.8255, 56.3762,
64.5453

■ 21.4673, 18.6656,
58.9719

■ 63.5487, 67.4139,
66.1633

■ 17.9060, 14.2801,
58.3131

■ 74.4552, 79.7167,
67.9632

■ 15.1807, 10.8154,
57.7880

■ 85.6564, 92.8454,
69.9069

■ 13.2200, 8.2034,
57.3872

■ 87.7796, 97.0918,
70.6147

■ 11.9398, 6.3656,
57.0999

■ 11.3677, 5.4880,
56.9607

Harmonies

Analogous

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



34.4235, 37.9306, 61.8644



37.7653, 37.9306, 61.8308



40.8236, 37.9306, 55.7525

Triad

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



37.7653, 37.9306, 61.8308



40.7970, 37.9306, 29.5334



30.1669, 37.9306, 36.7432

Complementary

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



37.7653, 37.9306, 61.8308



50.1451, 54.1275, 39.2585

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.



31.6673, 37.9306, 29.5895



37.7653, 37.9306, 61.8308



37.7308, 37.9306, 25.8873

Square

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



37.7653, 37.9306, 61.8308



42.6464, 37.9306, 36.6546



34.3911, 37.9306, 25.9061



30.1749, 37.9306, 46.3221

Rectangle

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



37.7653, 37.9306, 61.8308



42.2306, 37.9306, 49.5626



34.3911, 37.9306, 25.9061



30.5073, 37.9306, 34.0108

Sweetspot

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



37.7665, 37.9321, 61.8317



84.2408, 87.6816, 107.0920



44.8479, 53.6929, 59.2658



17.8411, 18.5504, 22.8902



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.



37.7665, 37.9321, 61.8317



57.4060, 56.7301, 102.5321



39.4382, 36.7348, 61.5124



10.7535, 11.1475, 14.1553



7.2804, 3.5848, 36.2645



0.4246, 0.2829, 1.8872

Inverse Universe

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



43.2189, 39.1550, 40.4033



68.2334, 59.3494, 59.9373



48.1253, 55.8191, 39.6914



11.2890, 11.2443, 12.0563



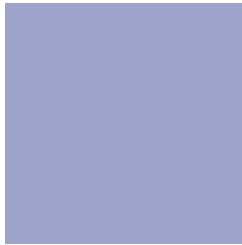
15.8857, 8.1649, 1.8509



0.8443, 0.4311, 0.2257

Previews

White Background



This preview shows how the XYZ color 37.7653, 37.9306, 61.8308 looks on a white background.

Color Contrast Check

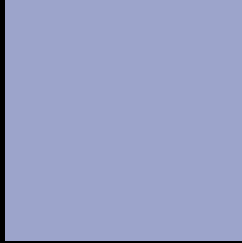
Large Text (above 18pt) WCAG AA × Fail

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 37.7653, 37.9306, 61.8308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

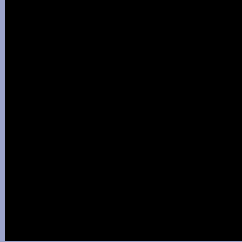
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7653, 37.9306, 61.8308

Background



This preview shows how black text looks on a background with the XYZ color 37.7653, 37.9306, 61.8308.



This preview shows how white text looks on a background with the XYZ color 37.7653, 37.9306,

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

37.7653, 37.9306, 61.8308

Protanopia

37.9596, 38.0308, 61.8399

Deuteranopia

38.6001, 37.8338, 61.7681



Tritanopia

35.2920, 38.0169, 49.1940

Trichromacy



Original Color

37.7653, 37.9306, 61.8308

Protanomaly

37.9596, 38.0308, 61.8399

Deuteranomaly

38.3739, 37.9798, 61.8082

Tritanomaly

36.1409, 38.0839, 53.5902

Monochromacy



Original Color

37.7653, 37.9306, 61.8308

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4921, 37.8463, 48.0296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7653, 37.9306, 61.8308 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(156, 164, 203)` looks like.

```
.text, #text, p{  
    color:rgb(156, 164, 203)  
}
```

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(156, 164, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 164, 203) }
```

Border

The CSS property to change the border of an element to XYZ 37.7653, 37.9306, 61.8308 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(156, 164, 203) }
```


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

```
.border{ border-color:rgb(156, 164, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 164, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 164, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 164, 203);  
box-shadow:4px 4px 4px 4px rgb(156, 164,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7653, 37.9306, 61.8308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 164, 203) }
```

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

```
.background{ background-color: rgb(156,  
164, 203) }
```

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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