

Converting Colors

XYZ(37.7610, 37.4286, 60.4926)

Have a look what the booklet for
XYZ(37.7610, 37.4286, 60.4926)
contains.

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Color

**XYZ(37.7610, 37.4286,
60.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA2C9
RGB	159, 162, 201
RGB Percent	62%, 64%, 79%
CMY	0.3765, 0.3647, 0.2118
CMYK	0.21, 0.19, 0.00, 0.21
HSL	236°, 28%, 71%
HSV	236°, 21%, 79%
XYZ	37.7610, 37.4286, 60.4926
YIQ	165.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

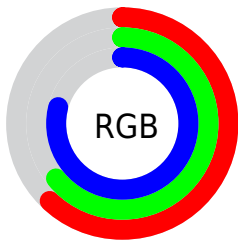
Format	Color
R_{YB}	159, 162, 201
Decimal	10461897
CIE _{Lab}	67.60, 7.24, -20.28
CIE _{LCh}	68, 21.534, 289.632
Yxy	37.4286, 0.2783, 0.2759
Android (android.graphics.Color)	4288651977 (0xFF9FA2C9)
YUV	165.5490, 17.4773, -5.7435
Hunter-Lab	61.1789, 3.1111, -15.7996

Details

The XYZ color **37.7610, 37.4286, 60.4926** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.5399, 55.3090, 40.8138**, and the grayscale version is **35.9523, 37.8247, 41.1910**.

A 20% lighter version of the original color is **70.5944, 71.1418, 104.6188**, and **16.9058, 16.3842, 29.8752** is the 20% darker color. If you saturate the color by 10%, you get **31.0474, 29.4447, 59.3060**, and if you desaturate by 10%, it is **45.6131, 46.7255, 61.8739**.

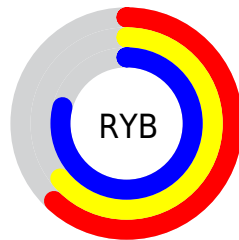
Distribution



Red (62%)

Green (64%)

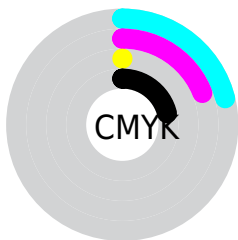
Blue (79%)



Red (62%)

Yellow (64%)

Blue (79%)

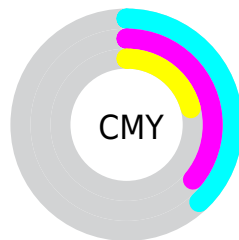


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7610, 37.4286, 60.4926 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 37.7610, 37.4286, 60.4926 by changing the saturation by 10% instead.

■ 37.7610, 37.4286,
60.4926

■ 37.7610, 37.4286,
60.4926

327.8922,
335.1624, 444.2661

■ 25.9736, 25.5395,
43.3879

■ 71.0479, 71.2315,
107.0943

■ 16.9365, 16.4795,
29.8559

■ 93.2782, 93.9141,
137.4283

■ 10.2842, 9.8641,
19.4781

119.7201,
120.9633, 173.0093

■ 5.6515, 5.3089,
11.8360

150.7391,
152.7635, 214.2556

■ 2.6730, 2.4296,
6.5109

186.7004,
189.6991, 261.5860

■ 0.9833, 0.8411,
3.0844

227.9695,

■ 0.0000, 0.0000,

232.1546, 315.4188

1.1379

274.9116,
280.5142, 376.1726

■ 0.0000, 0.0000,
0.0000

■ 37.7610, 37.4286,
60.4926

■ 37.7610, 37.4286,
60.4926

■ 31.0474, 29.4447,
59.3060

■ 45.6131, 46.7255,
61.8739

■ 25.4160, 22.7104,
58.3030

■ 54.6493, 57.3862,
63.4553

■ 20.8111, 17.1636,
57.4750

■ 64.9173, 69.4641,
65.2454

■ 17.1706, 12.7353,
56.8122

■ 76.4608, 83.0087,
67.2514

■ 14.4258, 9.3493,
56.3033

■ 87.5427, 96.9971,
69.3673

■ 12.4985, 6.9198,
55.9359

■ 11.2972, 5.3474,
55.6957

■ 10.7047, 4.5410,
55.5713

Harmonies

Analogous

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



34.4392, 37.4286, 61.4917



37.7610, 37.4286, 60.4926



40.6589, 37.4286, 53.7662

Triad

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



37.7610, 37.4286, 60.4926



39.8678, 37.4286, 28.3603



29.6624, 37.4286, 37.5536

Complementary

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



37.7610, 37.4286, 60.4926



50.5399, 55.3090, 40.8138

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.



30.9332, 37.4286, 30.0303



37.7610, 37.4286, 60.4926



36.7350, 37.4286, 25.2965

Square

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



37.7610, 37.4286, 60.4926



41.9266, 37.4286, 34.9191



33.4746, 37.4286, 25.8563



29.8992, 37.4286, 47.2038

Rectangle

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



37.7610, 37.4286, 60.4926



41.8954, 37.4286, 47.4473



33.4746, 37.4286, 25.8563



29.9242, 37.4286, 34.7207

Sweetspot

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



37.7622, 37.4301, 60.4934



85.2776, 88.4811, 107.1917



45.3210, 53.1992, 61.0047



18.0352, 18.6817, 22.9053



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.



37.7622, 37.4301, 60.4934



59.2949, 57.7210, 102.6238



40.9594, 38.3028, 60.4934



10.1166, 10.4072, 13.3931



6.7562, 2.9064, 34.9492



0.3416, 0.1809, 1.6621

Inverse Universe

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



43.0081, 39.8234, 39.6039



69.8671, 62.6074, 60.5107



46.7930, 54.4060, 40.8370



10.6641, 10.6490, 11.2145



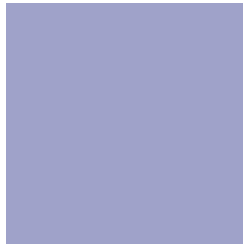
15.2096, 7.8334, 1.0475



0.7311, 0.3753, 0.1072

Previews

White Background



This preview shows how the XYZ color 37.7610, 37.4286, 60.4926 looks on a white background.

Color Contrast Check

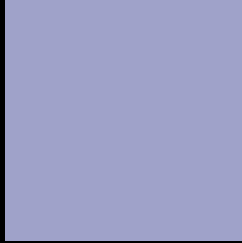
Large Text (above 18pt) WCAG AA × Fail

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 37.7610, 37.4286, 60.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

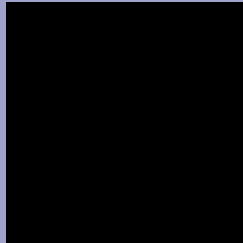
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7610, 37.4286, 60.4926

Background



This preview shows how black text looks on a background with the XYZ color 37.7610, 37.4286, 60.4926.



This preview shows how white text looks on a background with the XYZ color 37.7610, 37.4286,

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

37.7610, 37.4286, 60.4926

Protanopia

37.4682, 37.5266, 61.1457

Deuteranopia

38.1878, 37.3882, 60.4623



Tritanopia

35.2905, 37.4957, 48.0252

Trichromacy



Original Color

37.7610, 37.4286, 60.4926

Protanomaly

37.6625, 37.6268, 61.1548

Deuteranomaly

37.9854, 37.2839, 60.4528

Tritanomaly

36.1351, 37.5660, 52.3602

Monochromacy



Original Color

37.7610, 37.4286, 60.4926

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6961, 37.9515, 48.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7610, 37.4286, 60.4926 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, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 201)  
}
```

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, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 201) }
```

Border

The CSS property to change the border of an element to XYZ 37.7610, 37.4286, 60.4926 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, 162, 201) }
```


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

```
.border{ border-color:rgb(159, 162, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7610, 37.4286, 60.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 201) }
```

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

```
.background{ background-color: rgb(159,  
162, 201) }
```

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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