

Converting Colors

XYZ(37.4295, 37.8404, 60.4679)

Have a look what the booklet for
XYZ(37.4295, 37.8404, 60.4679)
contains.

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Color

**XYZ(37.3356, 37.7365,
60.5744)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA4C9
RGB	155, 164, 201
RGB Percent	61%, 64%, 79%
CMY	0.3921, 0.3568, 0.2118
CMYK	0.23, 0.18, 0.00, 0.21
HSL	228°, 30%, 70%
HSV	228°, 23%, 79%
XYZ	37.3356, 37.7365, 60.5744
YIQ	165.5270, -17.2410, 9.5990

Conversions

Conversions Part 2

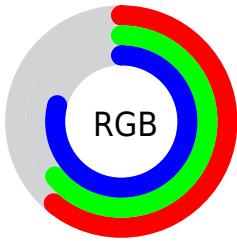
Format	Color
R _Y B	155, 163, 201
Decimal	10200265
CIE _{Lab}	67.83, 4.86, -19.96
CIE _{LCh}	68, 20.547, 283.694
Y _{xy}	37.7365, 0.2752, 0.2782
Android (android.graphics.Color)	4288390345 (0xFF9BA4C9)
Y _{UV}	165.5270, 17.4882, -9.2322
Hunter-Lab	61.4300, 0.9851, -15.4631

Details

The XYZ color **37.3356, 37.7365, 60.5744** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.8538, 52.4834, 38.5667**, and the grayscale version is **35.9427, 37.8145, 41.1800**.

A 20% lighter version of the original color is **69.9599, 71.5847, 104.7377**, and **16.6541, 16.5785, 29.9260** is the 20% darker color. If you saturate the color by 10%, you get **31.0830, 30.4885, 59.5056**, and if you desaturate by 10%, it is **44.6005, 46.0542, 61.7976**.

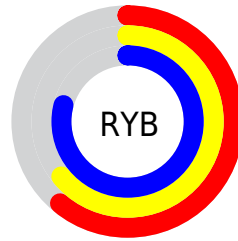
Distribution



Red (61%)

Green (64%)

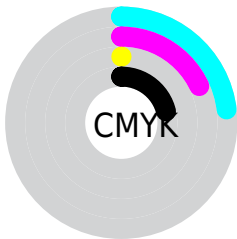
Blue (79%)



Red (61%)

Yellow (64%)

Blue (79%)

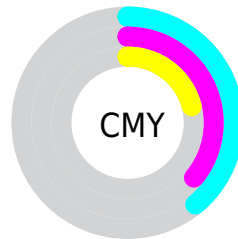


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3356, 37.7365, 60.5744 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 37.3356, 37.7365, 60.5744 by changing the saturation by 10% instead.

■ 37.3356, 37.7365,
60.5744

■ 37.3356, 37.7365,
60.5744

326.0916,
336.4883, 444.5751

■ 25.6423, 25.7782,
43.4535

■ 70.3991, 71.7041,
107.2140

■ 16.6875, 16.6578,
29.9070

■ 92.5001, 94.4822,
137.5697

■ 10.1059, 9.9908,
19.5166

118.8009,
121.6357, 173.1741

■ 5.5320, 5.3929,
11.8636

149.6671,
153.5490, 214.4457

■ 2.6006, 2.4796,
6.5294

185.4639,
190.6066, 261.8030

■ 0.9463, 0.8664,
3.0957

226.5566,

■ 0.0000, 0.0000,

233.1927, 315.6647

1.1437

273.3107,
281.6918, 376.4492

■ 0.0000, 0.0000,
0.0000

■ 37.3356, 37.7365,
60.5744

■ 37.3356, 37.7365,
60.5744

■ 31.0830, 30.4885,
59.5056

■ 44.6005, 46.0542,
61.7976

■ 25.7935, 24.2616,
58.5825

■ 52.9168, 55.4782,
63.1783

■ 21.4194, 19.0106,
57.7994

■ 62.3256, 66.0493,
64.7228

■ 17.9071, 14.6845,
57.1495

■ 72.8650, 77.8044,
66.4363

■ 15.1974, 11.2278,
56.6251

■ 84.3860, 90.6836,
68.3150

■ 13.2231, 8.5787,
56.2179

■ 87.5427, 96.9971,
69.3673

■ 11.9052, 6.6662,
55.9182

■ 11.2792, 5.6901,
55.7628

Harmonies

Analogous

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



34.1768, 37.7365, 60.3071



37.3356, 37.7365, 60.5744



40.2626, 37.7365, 55.1061

Triad

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



37.3356, 37.7365, 60.5744



40.4760, 37.7365, 30.1328



30.3093, 37.7365, 36.3623

Complementary

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



37.3356, 37.7365, 60.5744



48.8538, 52.4834, 38.5667

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.



31.8043, 37.7365, 29.6759



37.3356, 37.7365, 60.5744



37.6129, 37.7365, 26.4600

Square

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



37.3356, 37.7365, 60.5744



42.1468, 37.7365, 37.0780



34.4382, 37.7365, 26.3062



30.2449, 37.7365, 45.3785

Rectangle

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



37.3356, 37.7365, 60.5744



41.6370, 37.7365, 49.3541



34.4382, 37.7365, 26.3062



30.6571, 37.7365, 33.8017

Sweetspot

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



37.3368, 37.7380, 60.5753



84.3749, 87.9498, 107.1367



43.8973, 52.5395, 57.5813



17.8720, 18.6123, 22.9005



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.



37.3368, 37.7380, 60.5753



58.9032, 58.8120, 102.8551



38.5841, 36.0736, 60.1882



10.2219, 10.6179, 13.4282



7.1436, 3.6811, 35.0784



0.3897, 0.2772, 1.6781

Inverse Universe

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



42.5105, 38.5415, 40.3223



69.2118, 60.5936, 62.4607



47.3463, 54.7306, 39.0799



10.7173, 10.6703, 11.4946



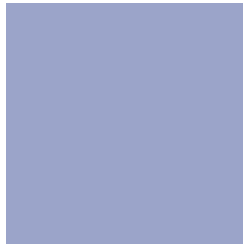
15.4051, 7.9116, 2.0771



0.7554, 0.3850, 0.2351

Previews

White Background



This preview shows how the XYZ color 37.3356, 37.7365, 60.5744 looks on a white background.

Color Contrast Check

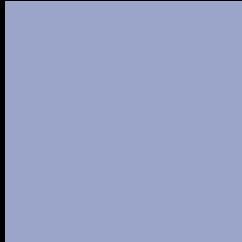
Large Text (above 18pt) WCAG AA × Fail

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 37.3356, 37.7365, 60.5744 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 37.3356, 37.7365, 60.5744

Background



This preview shows how black text looks on a background with the XYZ color 37.3356, 37.7365, 60.5744.



This preview shows how white text looks on a background with the XYZ color 37.3356, 37.7365,

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

37.3356, 37.7365, 60.5744

Protanopia

37.7227, 37.9361, 60.5925

Deuteranopia

38.6853, 37.8915, 61.1520



Tritanopia

35.1056, 37.9208, 49.1852

Trichromacy



Original Color

37.3356, 37.7365, 60.5744

Protanomaly

37.5284, 37.8359, 60.5834

Deuteranomaly

38.2551, 37.9322, 61.1825

Tritanomaly

35.8447, 37.9437, 53.0116

Monochromacy



Original Color

37.3356, 37.7365, 60.5744

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 37.3356, 37.7365, 60.5744 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(155, 164, 201)` looks like.

```
.text, #text, p{  
    color:rgb(155, 164, 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(155, 164, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 164, 201) }
```

Border

The CSS property to change the border of an element to XYZ 37.3356, 37.7365, 60.5744 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(155, 164, 201) }
```


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

```
.border{ border-color:rgb(155, 164, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 164, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 164, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 164, 201);  
box-shadow:4px 4px 4px 4px rgb(155, 164,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3356, 37.7365, 60.5744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 164, 201) }
```

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

```
.background{ background-color: rgb(155,  
164, 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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