

Converting Colors

XYZ(36.7018, 37.9893, 61.2660)

Have a look what the booklet for
XYZ(36.7018, 37.9893, 61.2660)
contains.

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Color

**XYZ(36.6913, 37.9263,
61.2638)**

Conversions

Conversions Part 1

Format	Color
Hex	95A6CA
RGB	149, 166, 202
RGB Percent	58%, 65%, 79%
CMY	0.4157, 0.3490, 0.2078
CMYK	0.26, 0.18, 0.00, 0.21
HSL	221°, 33%, 69%
HSV	221°, 26%, 79%
XYZ	36.6913, 37.9263, 61.2638
YIQ	165.0210, -21.6880, 7.5920

Conversions

Conversions Part 2

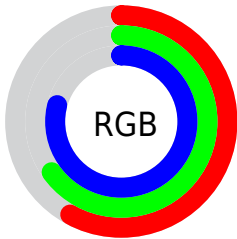
Format	Color
R_{YB}	149, 162, 202
Decimal	9807562
CIE Lab	67.97, 2.14, -20.34
CIE LCh	68, 20.455, 276.008
Yxy	37.9263, 0.2700, 0.2791
Android (android.graphics.Color)	4287997642 (0xFF95A6CA)
YUV	165.0210, 18.2306, -14.0504
Hunter-Lab	61.5843, -1.4242, -15.8724

Details

The XYZ color **36.6913, 37.9263, 61.2638** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.1313, 49.4245, 35.4905**, and the grayscale version is **35.6980, 37.5571, 40.8997**.

A 20% lighter version of the original color is **68.8083, 71.7703, 104.8342**, and **16.2924, 16.7141, 30.3844** is the 20% darker color. If you saturate the color by 10%, you get **30.9583, 31.4645, 60.3194**, and if you desaturate by 10%, it is **43.3320, 45.2528, 62.3286**.

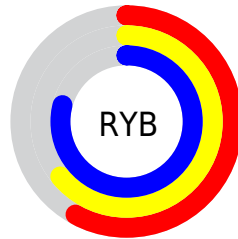
Distribution



Red (58%)

Green (65%)

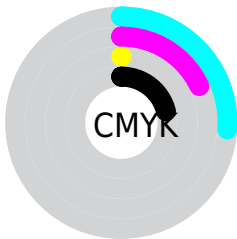
Blue (79%)



Red (58%)

Yellow (64%)

Blue (79%)

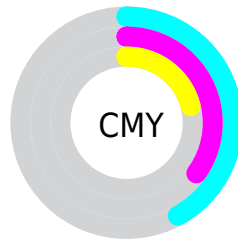


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6913, 37.9263, 61.2638 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 36.6913, 37.9263, 61.2638 by changing the saturation by 10% instead.

■ 36.6913, 37.9263,
61.2638

■ 36.6913, 37.9263,
61.2638

323.3509,
337.3037, 447.1739

■ 25.1411, 25.9255,
44.0062

■ 69.4147, 71.9952,
108.2221

■ 16.3115, 16.7679,
30.3381

■ 91.3186, 94.8320,
138.7597

■ 9.8371, 10.0692,
19.8411

117.4045,
122.0497, 174.5612

■ 5.3525, 5.4448,
12.0967

148.0377,
154.0325, 216.0450

■ 2.4924, 2.5106,
6.6862

183.5836,
191.1649, 263.6296

■ 0.8914, 0.8819,
3.1912

224.4075,

■ 0.0000, 0.0000,

233.8313, 317.7336

1.1931

270.8748,
282.4161, 378.7755

■ 0.0000, 0.0000,
0.0000

■ 36.6913, 37.9263,
61.2638

■ 36.6913, 37.9263,
61.2638

■ 30.9583, 31.4645,
60.3194

■ 43.3320, 45.2528,
62.3286

■ 26.0881, 25.8293,
59.4883

■ 50.9153, 53.4712,
63.5152

■ 22.0372, 20.9862,
58.7670

■ 59.4787, 62.6129,
64.8284

■ 18.7566, 16.8962,
58.1505

■ 69.0566, 72.7065,
66.2719

■ 16.1918, 13.5167,
57.6334

■ 79.6814, 83.7793,
67.8491

■ 14.2800, 10.7999,
57.2097

■ 85.5681, 92.8590,
69.2914

■ 12.9437, 8.6890,
56.8727

■ 87.6608, 97.0443,
69.9890

■ 12.5396, 8.0219,
56.7652

Harmonies

Analogous

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



33.6193, 37.9263, 59.4401



36.6913, 37.9263, 61.2638



39.7617, 37.9263, 57.1350

Triad

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



36.6913, 37.9263, 61.2638



41.2214, 37.9263, 31.8359



30.7473, 37.9263, 34.5790

Complementary

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



36.6913, 37.9263, 61.2638



47.1313, 49.4245, 35.4905

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.



32.5727, 37.9263, 28.6924



36.6913, 37.9263, 61.2638



38.5905, 37.9263, 27.2791

Square

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



36.6913, 37.9263, 61.2638



42.4742, 37.9263, 39.4902



35.4119, 37.9263, 26.2189



30.3047, 37.9263, 43.1546

Rectangle

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



36.6913, 37.9263, 61.2638



41.3564, 37.9263, 51.8748



35.4119, 37.9263, 26.2189



31.2141, 37.9263, 32.2618

Sweetspot

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



36.6925, 37.9278, 61.2647



83.6770, 87.8101, 107.1465



42.2025, 52.1061, 53.3648



17.4786, 18.3289, 22.8666



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.



36.6925, 37.9278, 61.2647



56.9017, 58.3614, 102.8736



35.4768, 33.0124, 60.3800



10.8907, 11.4217, 14.2010



8.1409, 5.3058, 36.5513



0.4887, 0.4111, 1.9085

Inverse Universe

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



41.9885, 36.8056, 40.9693



67.3344, 56.5226, 62.8096



48.5809, 55.7711, 36.6391



11.3582, 11.2720, 12.4207



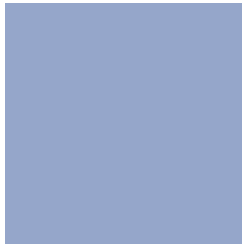
16.3201, 8.3386, 4.1381



0.8766, 0.4440, 0.3961

Previews

White Background



This preview shows how the XYZ color 36.6913, 37.9263, 61.2638 looks on a white background.

Color Contrast Check

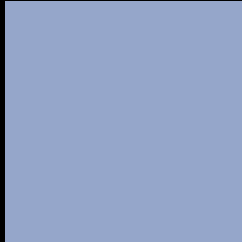
Large Text (above 18pt) WCAG AA × Fail

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 36.6913, 37.9263, 61.2638 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 36.6913, 37.9263, 61.2638

Background



This preview shows how black text looks on a background with the XYZ color 36.6913, 37.9263, 61.2638.



This preview shows how white text looks on a background with the XYZ color 36.6913, 37.9263,

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

36.6913, 37.9263, 61.2638

Protanopia

37.6054, 37.8891, 59.9749

Deuteranopia

38.8041, 37.9390, 61.7777



Tritanopia

34.4123, 37.8146, 50.2850

Trichromacy



Original Color

36.6913, 37.9263, 61.2638

Protanomaly

37.3242, 37.9973, 60.6254

Deuteranomaly

37.9772, 37.7753, 61.7897

Tritanomaly

35.1510, 37.8340, 54.1652

Monochromacy



Original Color

36.6913, 37.9263, 61.2638

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7891, 37.4955, 47.4706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6913, 37.9263, 61.2638 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(149, 166, 202)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 202)  
}
```

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(149, 166, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 202) }
```

Border

The CSS property to change the border of an element to XYZ 36.6913, 37.9263, 61.2638 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(149, 166, 202) }
```


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

```
.border{ border-color:rgb(149, 166, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 202);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6913, 37.9263, 61.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 202) }
```

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

```
.background{ background-color: rgb(149,  
166, 202) }
```

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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