

Converting Colors

XYZ(36.4825, 36.8364, 61.6040)

Have a look what the booklet for
XYZ(36.4825, 36.8364, 61.6040)
contains.

XYZ(36.4623, 36.7318, 61.6681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.4623, 36.7318,
61.6681)**

Conversions

Conversions Part 1

Format	Color
Hex	97A2CB
RGB	151, 162, 203
RGB Percent	59%, 64%, 80%
CMY	0.4078, 0.3647, 0.2039
CMYK	0.26, 0.20, 0.00, 0.20
HSL	227°, 33%, 69%
HSV	227°, 26%, 80%
XYZ	36.4623, 36.7318, 61.6681
YIQ	163.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

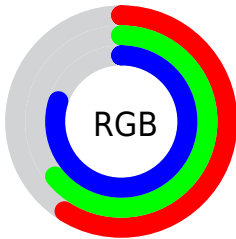
Format	Color
R _Y B	151, 160, 203
Decimal	9937611
CIE Lab	67.08, 5.22, -22.24
CIE LCh	67, 22.846, 283.214
Yxy	36.7318, 0.2704, 0.2724
Android (android.graphics.Color)	4288127691 (0xFF97A2CB)
YUV	163.3850, 19.5302, -10.8616
Hunter-Lab	60.6068, 1.3275, -17.9035

Details

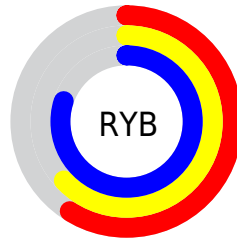
The XYZ color **36.4623, 36.7318, 61.6681** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0645, 52.6302, 36.8518**, and the grayscale version is **34.9129, 36.7310, 40.0001**.

A 20% lighter version of the original color is **68.3165, 69.9675, 104.5122**, and **16.2548, 16.1915, 30.7023** is the 20% darker color. If you saturate the color by 10%, you get **30.3722, 29.6706, 60.6268**, and if you desaturate by 10%, it is **43.5623, 44.8480, 62.8611**.

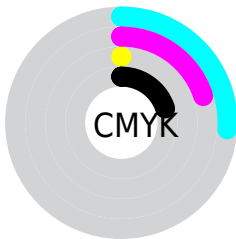
Distribution



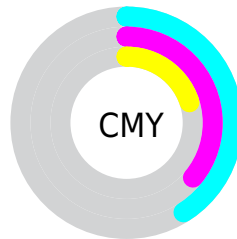
- Red (59%)
- Green (64%)
- Blue (80%)



- Red (59%)
- Yellow (63%)
- Blue (80%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (41%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4623, 36.7318, 61.6681 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 36.4623, 36.7318, 61.6681 by changing the saturation by 10% instead.

■ 36.4623, 36.7318,
61.6681

■ 36.4623, 36.7318,
61.6681

322.3728,
332.1479, 448.6936

■ 24.9632, 24.9999,
44.3305

■ 69.0642, 70.1601,
108.8126

■ 16.1782, 16.0770,
30.5913

■ 90.8978, 92.6253,
139.4567

■ 9.7420, 9.5786,
20.0320

116.9069,
119.4370, 175.3733

■ 5.2892, 5.1205,
12.2340

147.4569,
150.9797, 216.9810

■ 2.4544, 2.3181,
6.7788

182.9131,
187.6378, 264.6983

■ 0.8723, 0.7833,
3.2478

223.6409,

■ 0.0000, 0.0000,

229.7956, 318.9438

1.2225

270.0057,
277.8375, 380.1361

■ 0.0000, 0.0000,
0.0000

■ 36.4623, 36.7318,
61.6681

■ 36.4623, 36.7318,
61.6681

■ 30.3722, 29.6706,
60.6268

■ 43.5623, 44.8480,
62.8611

■ 25.2419, 23.6161,
59.7285

■ 51.7122, 54.0563,
64.2089

■ 21.0219, 18.5225,
58.9678

■ 60.9542, 64.3971,
65.7178

■ 17.6572, 14.3387,
58.3376

■ 71.3272, 75.9076,
67.3928

■ 15.0862, 11.0085,
57.8303

■ 82.8678, 88.6232,
69.2389

■ 13.2386, 8.4692,
57.4375

■ 87.7796, 97.0918,
70.6147

■ 12.0302, 6.6477,
57.1496

■ 11.6416, 6.0359,
57.0520

Harmonies

Analogous

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



33.0180, 36.7318, 61.2569



36.4623, 36.7318, 61.6681



39.6907, 36.7318, 55.6263

Triad

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



36.4623, 36.7318, 61.6681



40.0125, 36.7318, 28.2699



28.8978, 36.7318, 34.7184

Complementary

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



36.4623, 36.7318, 61.6681



49.0645, 52.6302, 36.8518

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.



30.5340, 36.7318, 27.6057



36.4623, 36.7318, 61.6681



36.8781, 36.7318, 24.3281

Square

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



36.4623, 36.7318, 61.6681



41.8302, 36.7318, 35.7778



33.4072, 36.7318, 24.1071



28.8028, 36.7318, 44.5306

Rectangle

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



36.4623, 36.7318, 61.6681



41.2238, 36.7318, 49.2541



33.4072, 36.7318, 24.1071



29.2806, 36.7318, 31.9752

Sweetspot

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



36.4635, 36.7333, 61.6689



83.0209, 86.4980, 106.9278



43.6041, 53.0859, 57.6636



17.3144, 18.0004, 22.8118



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.



36.4635, 36.7333, 61.6689



54.9413, 54.4404, 102.2201



37.5170, 34.5242, 61.1870



10.7909, 11.2223, 14.1677



7.4630, 3.9500, 36.3254



0.4417, 0.3172, 1.8929

Inverse Universe

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



42.2177, 37.4393, 39.1855



66.3449, 56.1268, 57.5987



47.7474, 55.6722, 37.5084



11.3078, 11.2519, 12.1556



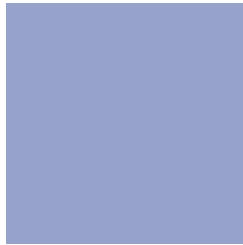
15.9779, 8.2017, 2.3363



0.8529, 0.4346, 0.2713

Previews

White Background



This preview shows how the XYZ color 36.4623, 36.7318, 61.6681 looks on a white background.

Color Contrast Check

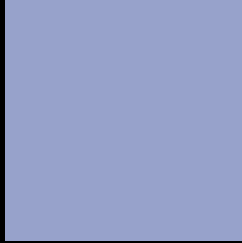
Large Text (above 18pt) WCAG AA × Fail

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 36.4623, 36.7318, 61.6681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

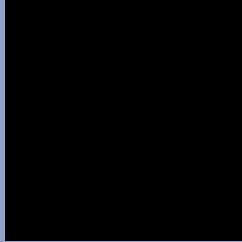
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4623, 36.7318, 61.6681

Background



This preview shows how black text looks on a background with the XYZ color 36.4623, 36.7318, 61.6681.



This preview shows how white text looks on a background with the XYZ color 36.4623, 36.7318,

61.6681.

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

36.4623, 36.7318, 61.6681

Protanopia

36.6612, 36.5738, 61.6271

Deuteranopia

37.4508, 36.7225, 61.6142



Tritanopia

33.6270, 36.6381, 47.9474

Trichromacy



Original Color

36.4623, 36.7318, 61.6681

Protanomaly

36.4733, 36.4769, 61.6183

Deuteranomaly

37.0419, 36.7701, 61.6449

Tritanomaly

34.7450, 36.8370, 52.8559

Monochromacy



Original Color

36.4623, 36.7318, 61.6681

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4311, 36.7797, 47.3512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4623, 36.7318, 61.6681 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(151, 162, 203)` looks like.

```
.text, #text, p{  
    color:rgb(151, 162, 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(151, 162, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 162, 203) }
```

Border

The CSS property to change the border of an element to XYZ 36.4623, 36.7318, 61.6681 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(151, 162, 203) }
```


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

```
.border{ border-color:rgb(151, 162, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 162, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 162, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 162, 203);  
box-shadow:4px 4px 4px 4px rgb(151, 162,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4623, 36.7318, 61.6681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 162, 203) }
```

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

```
.background{ background-color: rgb(151,  
162, 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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