

Converting Colors

XYZ(36.1255, 35.9471, 62.5593)

Have a look what the booklet for
XYZ(36.1255, 35.9471, 62.5593)
contains.

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Color

**XYZ(36.1679, 36.0334,
62.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	96A0CD
RGB	150, 160, 205
RGB Percent	59%, 63%, 80%
CMY	0.4118, 0.3725, 0.1961
CMYK	0.27, 0.22, 0.00, 0.20
HSL	229°, 35%, 70%
HSV	229°, 27%, 80%
XYZ	36.1679, 36.0334, 62.8065
YIQ	162.1400, -20.4050, 11.8750

Conversions

Conversions Part 2

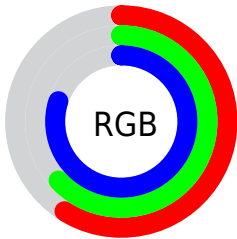
Format	Color
RYB	150, 158, 205
Decimal	9871565
CIELab	66.55, 6.53, -24.17
CIELCh	67, 25.032, 285.111
Yxy	36.0334, 0.2679, 0.2669
Android (android.graphics.Color)	4288061645 (0xFF96A0CD)
YUV	162.1400, 21.1300, -10.6468
Hunter-Lab	60.0278, 2.5009, -20.0150

Details

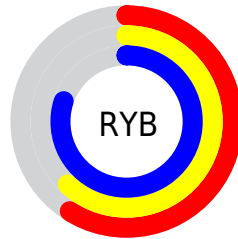
The XYZ color **36.1679, 36.0334, 62.8065** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.1975, 54.2117, 36.6734**, and the grayscale version is **34.3201, 36.1074, 39.3210**.

A 20% lighter version of the original color is **67.5273, 68.8000, 104.3284**, and **16.0916, 15.7683, 31.4736** is the 20% darker color. If you saturate the color by 10%, you get **30.0065, 28.8287, 61.7412**, and if you desaturate by 10%, it is **43.3839, 44.3657, 64.0351**.

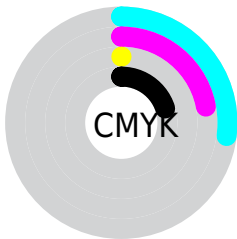
Distribution



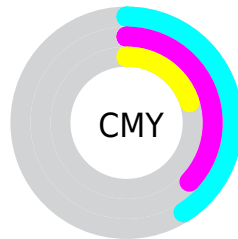
- Red (59%)
- Green (63%)
- Blue (80%)



- Red (59%)
- Yellow (62%)
- Blue (80%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (41%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1679, 36.0334, 62.8065 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 36.1679, 36.0334, 62.8065 by changing the saturation by 10% instead.

■ 36.1679, 36.0334,
62.8065

■ 36.1679, 36.0334,
62.8065

321.1123,
329.1065, 452.9555

■ 24.7346, 24.4600,
45.2447

■ 68.6133, 69.0836,
110.4732

■ 16.0071, 15.6752,
31.3059

■ 90.3561, 91.3292,
141.4151

■ 9.6201, 9.2946,
20.5714

116.2662,
117.9010, 177.6542

■ 5.2081, 4.9338,
12.6229

146.7088,
149.1834, 219.6090

■ 2.4059, 2.2085,
7.0417

182.0494,
185.5607, 267.6979

■ 0.8480, 0.7246,
3.4094

222.6533,

■ 0.0000, 0.0000,

227.4174, 322.3397

1.3073

268.8858,
275.1379, 383.9527

■ 0.0000, 0.0000,
0.0677

■ 0.0000, 0.0000,
0.0000

■ 36.1679, 36.0334,
62.8065

■ 36.1679, 36.0334,
62.8065

■ 30.0065, 28.8287,
61.7412

■ 43.3839, 44.3657,
64.0351

■ 24.8461, 22.6984,
60.8299

■ 51.6974, 53.8672,
65.4309

■ 20.6339, 17.5914,
60.0662

■ 61.1536, 64.5827,
67.0008

■ 17.3104, 13.4504,
59.4421

■ 71.7937, 76.5531,
68.7505

■ 14.8093, 10.2125,
58.9489

■ 83.6570, 89.8176,
70.6856

■ 13.0546, 7.8068,
58.5770

■ 88.0196, 97.1878,
71.8782

■ 11.9502, 6.1483,
58.3151

■ 11.6898, 5.7483,
58.2516

Harmonies

Analogous

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



32.4247, 36.0334, 62.8350



36.1679, 36.0334, 62.8065



39.6295, 36.0334, 55.7331

Triad

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



36.1679, 36.0334, 62.8065



39.6076, 36.0334, 26.3189



27.7270, 36.0334, 34.1517

Complementary

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



36.1679, 36.0334, 62.8065



50.1975, 54.2117, 36.6734

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.



29.3784, 36.0334, 26.3625



36.1679, 36.0334, 62.8065



36.1398, 36.0334, 22.4352

Square

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



36.1679, 36.0334, 62.8065



41.7121, 36.0334, 34.0810



32.3986, 36.0334, 22.4495



27.7333, 36.0334, 44.8824

Rectangle

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



36.1679, 36.0334, 62.8065



41.2333, 36.0334, 48.6078



32.3986, 36.0334, 22.4495



28.1010, 36.0334, 31.1506

Sweetspot

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



36.1691, 36.0348, 62.8073



82.8437, 86.1436, 106.8688



44.2507, 54.0838, 59.6881



17.2701, 17.9118, 22.7970



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.



36.1691, 36.0348, 62.8073



53.4063, 52.2181, 101.8720



37.9513, 34.4825, 62.4138



10.7640, 11.1685, 14.1588



7.3278, 3.6796, 36.2803



0.4294, 0.2925, 1.8888

Inverse Universe

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



42.4293, 37.3309, 38.2285



65.3632, 54.9419, 54.8714



47.9737, 56.5039, 37.2331



11.2942, 11.2464, 12.0841



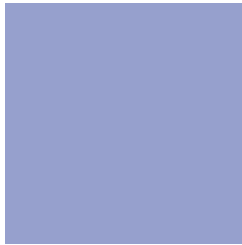
15.9097, 8.1745, 1.9770



0.8467, 0.4321, 0.2385

Previews

White Background



This preview shows how the XYZ color 36.1679, 36.0334, 62.8065 looks on a white background.

Color Contrast Check

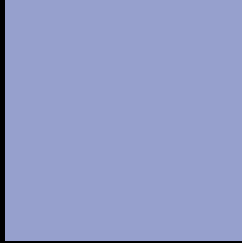
Large Text (above 18pt) WCAG AA × Fail

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 36.1679, 36.0334, 62.8065 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 36.1679, 36.0334, 62.8065

Background



This preview shows how black text looks on a background with the XYZ color 36.1679, 36.0334, 62.8065.



This preview shows how white text looks on a background with the XYZ color 36.1679, 36.0334,

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

36.1679, 36.0334, 62.8065

Protanopia

36.1679, 36.0334, 62.8065

Deuteranopia

36.9352, 36.1726, 62.7929



Tritanopia

33.1681, 36.1444, 47.3479

Trichromacy



Original Color

36.1679, 36.0334, 62.8065

Protanomaly

36.1679, 36.0334, 62.8065

Deuteranomaly

36.5545, 35.9764, 62.7751

Tritanomaly

34.2069, 36.0283, 52.7282

Monochromacy



Original Color

36.1679, 36.0334, 62.8065

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8813, 35.9732, 47.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1679, 36.0334, 62.8065 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(150, 160, 205)` looks like.

```
.text, #text, p{  
    color:rgb(150, 160, 205)  
}
```

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(150, 160, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 160, 205) }
```

Border

The CSS property to change the border of an element to XYZ 36.1679, 36.0334, 62.8065 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(150, 160, 205) }
```


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

```
.border{ border-color:rgb(150, 160, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 160, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 160, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 160, 205);  
box-shadow:4px 4px 4px 4px rgb(150, 160,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1679, 36.0334, 62.8065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 160, 205) }
```

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

```
.background{ background-color: rgb(150,  
160, 205) }
```

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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