

Converting Colors

XYZ(36.2307, 35.2041, 59.9187)

Have a look what the booklet for
XYZ(36.2307, 35.2041, 59.9187)
contains.

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Color

**XYZ(36.1414, 35.0619,
60.1211)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9CC9
RGB	156, 156, 201
RGB Percent	61%, 61%, 79%
CMY	0.3882, 0.3882, 0.2118
CMYK	0.22, 0.22, 0.00, 0.21
HSL	240°, 29%, 70%
HSV	240°, 22%, 79%
XYZ	36.1414, 35.0619, 60.1211
YIQ	161.1300, -14.4450, 13.9950

Conversions

Conversions Part 2

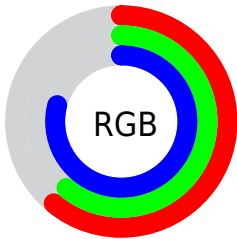
Format	Color
R_{YB}	156, 156, 201
Decimal	10263753
CIE _{Lab}	65.80, 9.66, -23.05
CIE _{LCh}	66, 24.994, 292.747
Yxy	35.0619, 0.2752, 0.2670
Android (android.graphics.Color)	4288453833 (0xFF9C9CC9)
YUV	161.1300, 19.6559, -4.4990
Hunter-Lab	59.2131, 5.3266, -18.7500

Details

The XYZ color **36.1414, 35.0619, 60.1211** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.9752, 56.5913, 39.6901**, and the grayscale version is **33.8539, 35.6170, 38.7869**.

A 20% lighter version of the original color is **67.9606, 67.1621, 103.9894**, and **16.0270, 15.1528, 29.6838** is the 20% darker color. If you saturate the color by 10%, you get **29.4708, 27.0244, 58.9219**, and if you desaturate by 10%, it is **44.0160, 44.5502, 61.5381**.

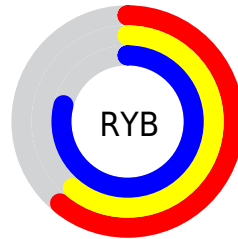
Distribution



Red (61%)

Green (61%)

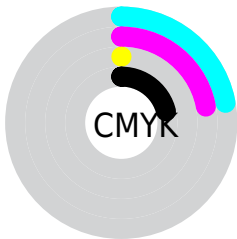
Blue (79%)



Red (61%)

Yellow (61%)

Blue (79%)

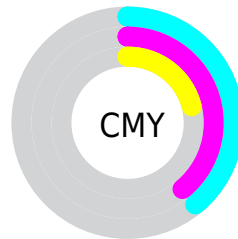


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1414, 35.0619, 60.1211 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 36.1414, 35.0619, 60.1211 by changing the saturation by 10% instead.

■ 36.1414, 35.0619,
60.1211

■ 36.1414, 35.0619,
60.1211

320.9986,
324.8415, 442.8610

■ 24.7140, 23.7106,
43.0903

■ 68.5727, 67.5816,
106.5504

■ 15.9917, 15.1191,
29.6241

■ 90.3073, 89.5189,
136.7860

■ 9.6091, 8.9030,
19.3038

116.2085,
115.7535, 172.2603

■ 5.2008, 4.6780,
11.7110

146.6414,
146.6699, 213.3918

■ 2.4015, 2.0596,
6.4270

181.9716,
182.6525, 260.5991

■ 0.8459, 0.6417,
3.0335

222.5642,

■ 0.0000, 0.0000,

224.0857, 314.3007

1.1118

268.7848,
271.3539, 374.9152

■ 0.0000, 0.0000,
0.0000

■ 36.1414, 35.0619,
60.1211

■ 36.1414, 35.0619,
60.1211

■ 29.4708, 27.0244,
58.9219

■ 44.0160, 44.5502,
61.5381

■ 23.9417, 20.3622,
57.9273

■ 53.1461, 55.5514,
63.1803

■ 19.4913, 14.9997,
57.1268

■ 63.5846, 68.1290,
65.0579

■ 16.0490, 10.8519,
56.5077

■ 75.3800, 82.3417,
67.1795

■ 13.5362, 7.8242,
56.0557

■ 87.5427, 96.9971,
69.3672

■ 11.8626, 5.8075,
55.7547

■ 10.9199, 4.6715,
55.5851

■ 10.5428, 4.2172,
55.5172

Harmonies

Analogous

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



32.4385, 35.0619, 62.0585



36.1414, 35.0619, 60.1211



39.2908, 35.0619, 51.8285

Triad

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



36.1414, 35.0619, 60.1211



37.8022, 35.0619, 24.1924



26.7776, 35.0619, 35.6707

Complementary

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



36.1414, 35.0619, 60.1211



50.9752, 56.5913, 39.6901

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.



27.9964, 35.0619, 27.1607



36.1414, 35.0619, 60.1211



34.2281, 35.0619, 21.3740

Square

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



36.1414, 35.0619, 60.1211



40.2979, 35.0619, 30.8539



30.6594, 35.0619, 22.3505



27.2073, 35.0619, 46.5746

Rectangle

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



36.1414, 35.0619, 60.1211



40.5621, 35.0619, 44.5186



30.6594, 35.0619, 22.3505



27.0048, 35.0619, 32.4672

Sweetspot

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



36.1425, 35.0633, 60.1219



83.3529, 85.9058, 106.7961



45.0523, 53.0238, 62.6576



17.6363, 18.1408, 22.8219



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.



36.1425, 35.0633, 60.1219



55.9270, 52.8596, 101.8630



40.7348, 37.4305, 60.3368



10.0567, 10.2875, 13.3731



6.6288, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Inverse Universe

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



41.9776, 38.5958, 36.6913



67.7096, 59.9927, 54.5499



45.5364, 53.7878, 39.4356



10.6339, 10.6370, 11.0555



15.1453, 7.8077, 0.7089



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 36.1414, 35.0619, 60.1211 looks on a white background.

Color Contrast Check

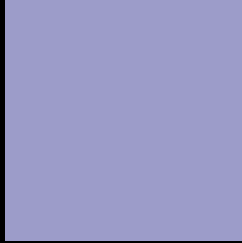
Large Text (above 18pt) WCAG AA × Fail

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 36.1414, 35.0619, 60.1211 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 36.1414, 35.0619, 60.1211

Background



This preview shows how black text looks on a background with the XYZ color 36.1414, 35.0619, 60.1211.



This preview shows how white text looks on a background with the XYZ color 36.1414, 35.0619,

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

36.1414, 35.0619, 60.1211

Protanopia

35.2820, 35.1075, 60.7940

Deuteranopia

35.9260, 35.2010, 60.1593



Tritanopia

33.1473, 35.1250, 45.0772

Trichromacy



Original Color

36.1414, 35.0619, 60.1211

Protanomaly

35.6665, 35.0536, 60.7633

Deuteranomaly

36.1172, 35.2996, 60.1683

Tritanomaly

34.1867, 35.0293, 50.3069

Monochromacy



Original Color

36.1414, 35.0619, 60.1211

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5327, 35.3018, 46.0682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1414, 35.0619, 60.1211 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(156, 156, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 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(156, 156, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.1414, 35.0619, 60.1211 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(156, 156, 201) }
```


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

```
.border{ border-color:rgb(156, 156, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1414, 35.0619, 60.1211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 201) }
```

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

```
.background{ background-color: rgb(156,  
156, 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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