

Converting Colors

XYZ(35.9175, 34.1053, 61.2929)

Have a look what the booklet for
XYZ(35.9175, 34.1053, 61.2929)
contains.

XYZ(35.8810, 34.1622, 61.2027)	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(35.8810, 34.1622,
61.2027)**

Conversions

Conversions Part 1

Format	Color
Hex	9C99CB
RGB	156, 153, 203
RGB Percent	61%, 60%, 80%
CMY	0.3882, 0.4000, 0.2039
CMYK	0.23, 0.25, 0.00, 0.20
HSL	244°, 32%, 70%
HSV	244°, 25%, 80%
XYZ	35.8810, 34.1622, 61.2027
YIQ	159.5970, -14.2620, 16.1860

Conversions

Conversions Part 2

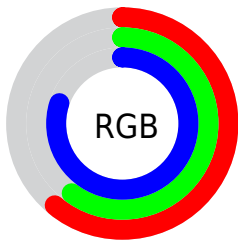
Format	Color
R_{YB}	156, 153, 203
Decimal	10262987
CIE _{Lab}	65.09, 11.83, -25.24
CIE _{LCh}	65, 27.881, 295.116
Yxy	34.1622, 0.2734, 0.2603
Android (android.graphics.Color)	4288453067 (0xFF9C99CB)
YUV	159.5970, 21.3977, -3.1546
Hunter-Lab	58.4484, 7.2949, -21.1700

Details

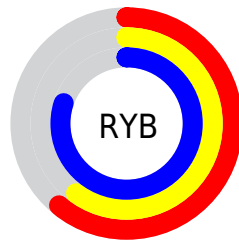
The XYZ color **35.8810, 34.1622, 61.2027** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.9262, 57.2919, 38.5128**, and the grayscale version is **33.1386, 34.8644, 37.9674**.

A 20% lighter version of the original color is **67.2268, 65.6945, 103.7448**, and **15.8851, 14.6157, 30.4177** is the 20% darker color. If you saturate the color by 10%, you get **29.4299, 26.3174, 60.0291**, and if you desaturate by 10%, it is **43.4797, 43.4393, 62.5934**.

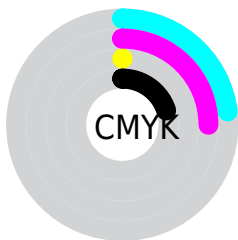
Distribution



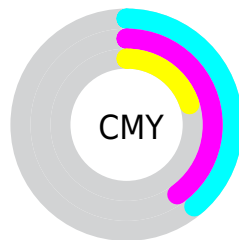
- Red (61%)
- Green (60%)
- Blue (80%)



- Red (61%)
- Yellow (60%)
- Blue (80%)



- Cyan (23%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8810, 34.1622, 61.2027 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 35.8810, 34.1622, 61.2027 by changing the saturation by 10% instead.

■ 35.8810, 34.1622,
61.2027

■ 35.8810, 34.1622,
61.2027

319.8804,
320.8547, 446.9439

■ 24.5120, 23.0182,
43.9572

■ 68.1734, 66.1858,
108.1328

■ 15.8406, 14.6070,
30.2999

■ 89.8275, 87.8343,
138.6544

■ 9.5016, 8.5440,
19.8123

115.6408,
113.7530, 174.4384

■ 5.1295, 4.4450,
12.0760

145.9784,
144.3264, 215.9034

■ 2.3590, 1.9255,
6.6723

181.2058,
179.9389, 263.4679

■ 0.8246, 0.5636,
3.1827

221.6884,

■ 0.0000, 0.0000,

220.9748, 317.5505

1.1887

267.7915,
267.8186, 378.5696

■ 0.0000, 0.0000,
0.0000

■ 35.8810, 34.1622,
61.2027

■ 35.8810, 34.1622,
61.2027

■ 29.4299, 26.3174,
60.0291

■ 43.4797, 43.4393,
62.5934

■ 24.0675, 19.8295,
59.0594

■ 52.2744, 54.2107,
64.2090

■ 19.7345, 14.6229,
58.2828

■ 62.3149, 66.5398,
66.0596

■ 16.3649, 10.6124,
57.6863

■ 73.6472, 80.4851,
68.1540

■ 13.8848, 7.7028,
57.2554

■ 86.3148, 96.1021,
70.5007

■ 12.2097, 5.7844,
56.9734

■ 87.7796, 97.0918,
70.6146

■ 11.2385, 4.7244,
56.8200

■ 10.9337, 4.3913,
56.7718

Harmonies

Analogous

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



31.8130, 34.1622, 64.0659



35.8810, 34.1622, 61.2027



39.2701, 34.1622, 51.4304

Triad

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



35.8810, 34.1622, 61.2027



37.1198, 34.1622, 21.7660



25.3273, 34.1622, 35.3341

Complementary

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



35.8810, 34.1622, 61.2027



50.9262, 57.2919, 38.5128

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.



26.5043, 34.1622, 25.8663



35.8810, 34.1622, 61.2027



33.1362, 34.1622, 19.1385

Square

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



35.8810, 34.1622, 61.2027



40.0259, 34.1622, 28.5287



29.2826, 34.1622, 20.4671



25.9306, 34.1622, 47.4639

Rectangle

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



35.8810, 34.1622, 61.2027



40.5732, 34.1622, 43.2107



29.2826, 34.1622, 20.4671



25.5249, 34.1622, 31.7685

Sweetspot

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



35.8821, 34.1636, 61.2035



83.7116, 86.0906, 106.8128



44.6876, 52.6255, 64.3029



17.7190, 18.1834, 22.8258



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.



35.8821, 34.1636, 61.2035



53.6195, 49.3382, 101.3049



41.1109, 36.8591, 61.4482



10.6630, 10.8756, 14.1076



6.9845, 2.8082, 36.1302



0.3826, 0.1564, 1.8650

Inverse Universe

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



46.4462, 39.6505, 59.8502



74.5800, 60.2281, 98.4758



44.8983, 54.1845, 38.2308



11.6574, 11.3917, 13.9963



21.6581, 10.4738, 32.2478



1.1263, 0.5439, 1.7112

Previews

White Background



This preview shows how the XYZ color 35.8810, 34.1622, 61.2027 looks on a white background.

Color Contrast Check

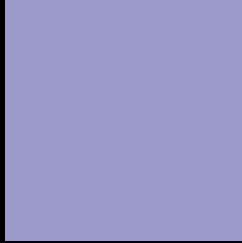
Large Text (above 18pt) WCAG AA × Fail

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 35.8810, 34.1622, 61.2027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

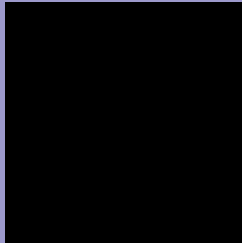
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8810, 34.1622, 61.2027

Background



This preview shows how black text looks on a background with the XYZ color 35.8810, 34.1622, 61.2027.



This preview shows how white text looks on a background with the XYZ color 35.8810, 34.1622,

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

35.8810, 34.1622, 61.2027

Protanopia

34.5850, 34.2045, 62.5369

Deuteranopia

35.0785, 34.2385, 61.2598



Tritanopia

32.3265, 34.2206, 43.4295

Trichromacy



Original Color

35.8810, 34.1622, 61.2027

Protanomaly

35.0149, 34.1919, 61.8810

Deuteranomaly

35.2840, 34.0984, 61.2219

Tritanomaly

33.5531, 34.2082, 49.6342

Monochromacy



Original Color

35.8810, 34.1622, 61.2027

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1915, 34.6195, 45.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8810, 34.1622, 61.2027 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, 153, 203)` looks like.

```
.text, #text, p{  
    color:rgb(156, 153, 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(156, 153, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 153, 203) }
```

Border

The CSS property to change the border of an element to XYZ 35.8810, 34.1622, 61.2027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

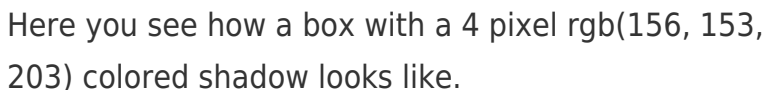
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 153, 203) }
```


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

```
.border{ border-color:rgb(156, 153, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 153, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 153, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 153, 203);  
box-shadow:4px 4px 4px 4px rgb(156, 153,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8810, 34.1622, 61.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 153, 203) }
```

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

```
.background{ background-color: rgb(156,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor