

Converting Colors

XYZ(34.6280, 37.4472, 59.4358)

Have a look what the booklet for
XYZ(34.6280, 37.4472, 59.4358)
contains.

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Color

**XYZ(34.6280, 37.4472,
59.4358)**

Conversions

Conversions Part 1

Format	Color
Hex	89A8C7
RGB	137, 168, 199
RGB Percent	54%, 66%, 78%
CMY	0.4627, 0.3412, 0.2196
CMYK	0.31, 0.16, 0.00, 0.22
HSL	210°, 36%, 66%
HSV	210°, 31%, 78%
XYZ	34.6280, 37.4472, 59.4358
YIQ	162.2650, -28.4270, 3.0690

Conversions

Conversions Part 2

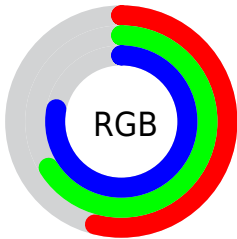
Format	Color
RYB	137, 158, 199
Decimal	9021639
CIELab	67.61, -3.29, -19.30
CIELCh	68, 19.573, 260.338
Yxy	37.4472, 0.2633, 0.2847
Android (android.graphics.Color)	4287211719 (0xFF89A8C7)
YUV	162.2650, 18.1104, -22.1574
Hunter-Lab	61.1941, -6.0817, -14.7505

Details

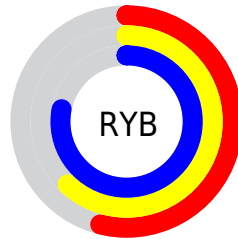
The XYZ color **34.6280, 37.4472, 59.4358** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.0718, 41.9540, 29.5485**, and the grayscale version is **34.3951, 36.1863, 39.4069**.

A 20% lighter version of the original color is **66.1759, 71.2018, 104.8632**, and **15.1025, 16.4664, 29.1704** is the 20% darker color. If you saturate the color by 10%, you get **29.8949, 32.3847, 58.7087**, and if you desaturate by 10%, it is **40.1057, 43.1040, 60.2396**.

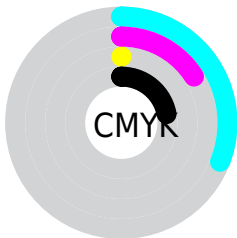
Distribution



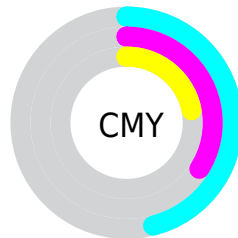
- Red (54%)
- Green (66%)
- Blue (78%)



- Red (54%)
- Yellow (62%)
- Blue (78%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6280, 37.4472, 59.4358 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 34.6280, 37.4472, 59.4358 by changing the saturation by 10% instead.

■ 34.6280, 37.4472,
59.4358

■ 34.6280, 37.4472,
59.4358

314.4601,
335.2426, 440.2618

■ 23.5416, 25.5539,
42.5417

■ 66.2469, 71.2600,
105.5461

■ 15.1168, 16.4902,
29.1970

■ 87.5102, 93.9484,
135.5995

■ 8.9883, 9.8717,
18.9830

■ 112.8964,
121.0039, 170.8763

■ 4.7906, 5.3140,
11.4813

142.7710,
152.8110, 211.7952

■ 2.1584, 2.4326,
6.2733

177.4993,
189.7540, 258.7746

■ 0.7207, 0.8426,
2.9405

217.4467,

■ 0.0000, 0.0000,

232.2173, 312.2332

1.0643

262.9785,
280.5854, 372.5894

■ 0.0000, 0.0000,
0.0000

■ 34.6280, 37.4472,
59.4358

■ 34.6280, 37.4472,
59.4358

■ 29.8949, 32.3847,
58.7087

■ 40.1057, 43.1040,
60.2396

■ 25.8666, 27.8886,
58.0532

■ 46.3580, 49.3724,
61.1200

■ 22.5046, 23.9353,
57.4674

■ 53.4176, 56.2745,
62.0802

■ 19.7652, 20.4971,
56.9481

■ 61.3140, 63.8297,
63.1223

■ 17.5986, 17.5433,
56.4922

■ 70.0754, 72.0567,
64.2485

■ 15.9459, 15.0381,
56.0957

■ 79.2102, 80.7060,
65.4365

■ 14.8188, 13.1432,
55.7894

■ 82.0219, 86.3294,
66.3737

■ 84.9936, 92.2729,
67.3643

■ 87.3089, 96.9036,
68.1361

Harmonies

Analogous

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



32.0179, 37.4472, 54.9422



34.6280, 37.4472, 59.4358



37.6463, 37.4472, 58.4134

Triad

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



34.6280, 37.4472, 59.4358



41.3117, 37.4472, 35.2693



31.3121, 37.4472, 31.0653

Complementary

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



34.6280, 37.4472, 59.4358



42.0718, 41.9540, 29.5485

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.



33.6147, 37.4472, 27.0991



34.6280, 37.4472, 59.4358



39.4236, 37.4472, 29.2779

Square

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



34.6280, 37.4472, 59.4358



41.6209, 37.4472, 43.6251



36.5746, 37.4472, 26.4945



30.1761, 37.4472, 38.0493

Rectangle

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



34.6280, 37.4472, 59.4358



39.4798, 37.4472, 54.7886



36.5746, 37.4472, 26.4945



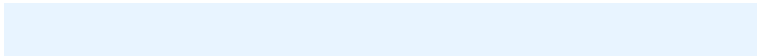
31.9691, 37.4472, 29.3791

Sweetspot

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



34.6292, 37.4487, 59.4367



83.5530, 88.8003, 107.3442



37.7128, 48.9548, 44.0056



17.5101, 18.6383, 22.9246



0.0000, 0.0000, 0.0000



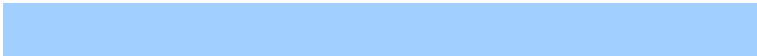
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6292, 37.4487, 59.4367



55.1912, 59.7882, 103.2391



29.7196, 27.6295, 57.8001



10.4875, 11.1490, 13.5167



9.6163, 8.6265, 35.9026



0.5278, 0.5533, 1.7241

Inverse Universe

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



39.5677, 32.8617, 41.3049



65.2877, 51.1731, 65.9994



48.2558, 54.3219, 31.6098



10.8513, 10.7239, 12.2004



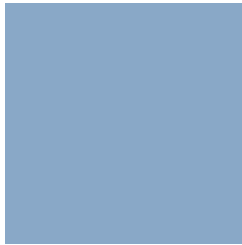
16.6532, 8.4108, 8.6495



0.8251, 0.4129, 0.6021

Previews

White Background



This preview shows how the XYZ color 34.6280, 37.4472, 59.4358 looks on a white background.

Color Contrast Check

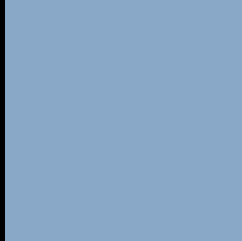
Large Text (above 18pt) WCAG AA × Fail

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 34.6280, 37.4472, 59.4358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

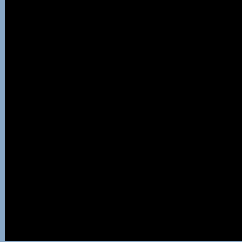
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

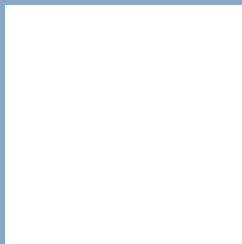
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6280, 37.4472, 59.4358

Background



This preview shows how black text looks on a background with the XYZ color 34.6280, 37.4472, 59.4358.



This preview shows how white text looks on a background with the XYZ color 34.6280, 37.4472,

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

34.6280, 37.4472, 59.4358

Protanopia

37.0481, 37.4036, 56.8967

Deuteranopia

38.1878, 37.3882, 60.4623



Tritanopia

33.0462, 37.6548, 50.8738

Trichromacy



Original Color

34.6280, 37.4472, 59.4358

Protanomaly

35.9966, 37.3798, 57.5424

Deuteranomaly

36.8377, 37.4934, 59.9390

Tritanomaly

33.5517, 37.5745, 53.6283

Monochromacy



Original Color

34.6280, 37.4472, 59.4358

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1502, 36.4184, 45.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6280, 37.4472, 59.4358 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(137, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(137, 168, 199)  
}
```

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(137, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 168, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.6280, 37.4472, 59.4358 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(137, 168, 199) }
```


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

```
.border{ border-color:rgb(137, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(137, 168,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6280, 37.4472, 59.4358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 168, 199) }
```

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

```
.background{ background-color: rgb(137,  
168, 199) }
```

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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