

Converting Colors

XYZ(34.4982, 39.6000, 61.7024)

Have a look what the booklet for
XYZ(34.4982, 39.6000, 61.7024)
contains.

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Color

**XYZ(34.4982, 39.6000,
61.7024)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB0CA
RGB	124, 176, 202
RGB Percent	49%, 69%, 79%
CMY	0.5137, 0.3098, 0.2078
CMYK	0.39, 0.13, 0.00, 0.21
HSL	200°, 42%, 64%
HSV	200°, 39%, 79%
XYZ	34.4982, 39.6000, 61.7024
YIQ	163.4160, -39.3380, -2.9380

Conversions

Conversions Part 2

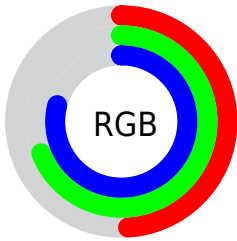
Format	Color
R _{YB}	124, 155, 202
Decimal	8171722
CIE _{Lab}	69.18, -10.51, -18.64
CIE _{LCh}	69, 21.396, 240.580
Yxy	39.6000, 0.2540, 0.2916
Android (android.graphics.Color)	4286361802 (0xFF7CB0CA)
YUV	163.4160, 19.0219, -34.5678
Hunter-Lab	62.9285, -12.2690, -14.0848

Details

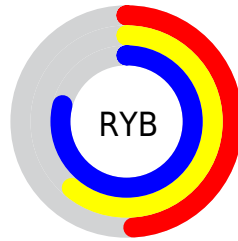
The XYZ color **34.4982, 39.6000, 61.7024** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.9024, 35.8253, 23.9346**, and the grayscale version is **34.9366, 36.7560, 40.0273**.

A 20% lighter version of the original color is **65.4970, 74.5169, 105.5389**, and **14.9540, 17.6061, 30.6271** is the 20% darker color. If you saturate the color by 10%, you get **30.5852, 35.6721, 61.1512**, and if you desaturate by 10%, it is **39.0771, 43.9702, 62.3053**.

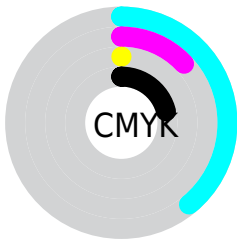
Distribution



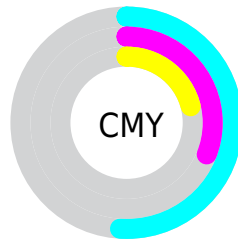
- Red (49%)
- Green (69%)
- Blue (79%)



- Red (49%)
- Yellow (61%)
- Blue (79%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4982, 39.6000, 61.7024 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 34.4982, 39.6000, 61.7024 by changing the saturation by 10% instead.

■ 34.4982, 39.6000,
61.7024

■ 34.4982, 39.6000,
61.7024

313.8948,
344.4347, 448.8224

■ 23.4413, 27.2268,
44.3580

■ 66.0468, 74.5540,
108.8627

■ 15.0422, 17.7436,
30.6128

■ 87.2692, 97.9036,
139.5158

■ 8.9355, 10.7661,
20.0482

■ 112.6109,
125.6809, 175.4421

■ 4.7559, 5.9098,
12.2457

142.4371,
158.2701, 217.0603

■ 2.1380, 2.7903,
6.7867

177.1132,
196.0557, 264.7889

■ 0.7098, 1.0233,
3.2526

217.0047,

■ 0.0000, 0.0000,

239.4221, 319.0464

1.2250

262.4767,
288.7536, 380.2514

■ 0.0000, 0.0000,
0.0000

■ 34.4982, 39.6000,
61.7024

■ 34.4982, 39.6000,
61.7024

■ 30.5852, 35.6721,
61.1512

■ 39.0771, 43.9702,
62.3053

■ 27.2967, 32.1611,
60.6468

■ 44.3528, 48.7973,
62.9589

■ 24.5921, 29.0455,
60.1880

■ 50.3586, 54.1006,
63.6661

■ 22.4242, 26.2996,
59.7722

■ 57.1243, 59.8970,
64.4283

■ 20.7375, 23.8931,
59.3966

■ 64.6783, 66.2022,
65.2472

■ 19.4444, 21.7795,
59.0568

■ 73.0472, 73.0313,
66.1242

■ 19.2788, 21.5004,
59.0117

■ 78.3245, 78.3717,
66.8769

■ 80.1608, 82.0444,
67.4890

■ 82.0695, 85.8618,
68.1252

Harmonies

Analogous

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



32.2534, 39.6000, 53.4324



34.4982, 39.6000, 61.7024



37.7052, 39.6000, 64.8388

Triad

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



34.4982, 39.6000, 61.7024



44.6089, 39.6000, 42.9272



34.3895, 39.6000, 28.8441

Complementary

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



34.4982, 39.6000, 61.7024



38.9024, 35.8253, 23.9346

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.



37.5721, 39.6000, 26.8863



34.4982, 39.6000, 61.7024



43.5922, 39.6000, 34.2240

Square

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



34.4982, 39.6000, 61.7024



43.6657, 39.6000, 53.0522



40.9640, 39.6000, 28.6985



32.1933, 39.6000, 34.5079

Rectangle

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



34.4982, 39.6000, 61.7024



39.9992, 39.6000, 63.2744



40.9640, 39.6000, 28.6985



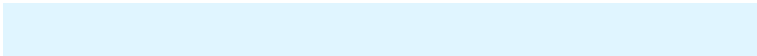
35.3728, 39.6000, 27.7729

Sweetspot

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



34.4994, 39.6015, 61.7033



81.5067, 88.3154, 107.3585



34.8346, 48.6874, 35.8712



17.1548, 18.6468, 22.9450



0.0000, 0.0000, 0.0000



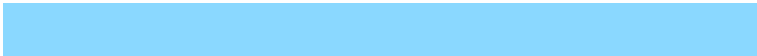
20.3446, 21.4041, 23.3091

Same Dimension

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



34.4994, 39.6015, 61.7033



53.0123, 61.6591, 103.7151



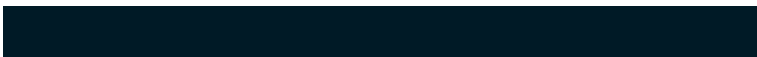
28.1056, 26.8138, 59.5720



11.2160, 12.0724, 14.3094



12.4903, 14.0046, 38.0011



0.7123, 0.8584, 1.9831

Inverse Universe

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



39.4023, 30.1077, 44.8105



62.6674, 44.3038, 70.1476



45.9153, 49.8511, 26.2722



11.5224, 11.3377, 13.2855



18.5154, 9.2168, 15.6988



0.9895, 0.4892, 0.9905

Previews

White Background



This preview shows how the XYZ color 34.4982, 39.6000, 61.7024 looks on a white background.

Color Contrast Check

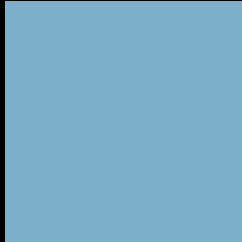
Large Text (above 18pt) WCAG AA × Fail

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 34.4982, 39.6000, 61.7024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

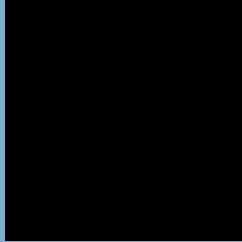
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4982, 39.6000, 61.7024

Background



This preview shows how black text looks on a background with the XYZ color 34.4982, 39.6000, 61.7024.



This preview shows how white text looks on a background with the XYZ color 34.4982, 39.6000,

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

34.4982, 39.6000, 61.7024

Protanopia

38.8868, 39.4095, 57.7818

Deuteranopia

40.2906, 39.4854, 62.6246



Tritanopia

33.3200, 39.7115, 55.7781

Trichromacy



Original Color

34.4982, 39.6000, 61.7024

Protanomaly

36.9622, 39.2162, 59.0475

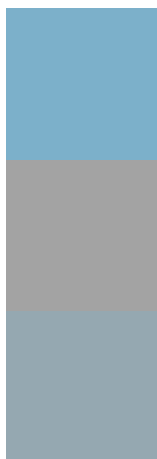
Deuteranomaly

37.7300, 39.2670, 62.0906

Tritanomaly

33.7120, 39.5674, 58.0850

Monochromacy



Original Color

34.4982, 39.6000, 61.7024

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.3329, 37.5691, 47.0370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4982, 39.6000, 61.7024 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(124, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(124, 176, 202)  
}
```

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(124, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 176, 202) }
```

Border

The CSS property to change the border of an element to XYZ 34.4982, 39.6000, 61.7024 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(124, 176, 202) }
```


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

```
.border{ border-color:rgb(124, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(124, 176,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4982, 39.6000, 61.7024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 176, 202) }
```

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

```
.background{ background-color: rgb(124,  
176, 202) }
```

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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