

Converting Colors

XYZ(32.4999, 35.7831, 61.1055)

Have a look what the booklet for
XYZ(32.4999, 35.7831, 61.1055)
contains.

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Color

**XYZ(32.4653, 35.7477,
61.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA6CA
RGB	123, 166, 202
RGB Percent	48%, 65%, 79%
CMY	0.5176, 0.3490, 0.2078
CMYK	0.39, 0.18, 0.00, 0.21
HSL	207°, 43%, 64%
HSV	207°, 39%, 79%
XYZ	32.4653, 35.7477, 61.0660
YIQ	157.2470, -37.1840, 2.0800

Conversions

Conversions Part 2

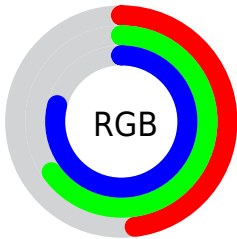
Format	Color
RYB	123, 151, 202
Decimal	8103626
CIELab	66.33, -5.34, -22.99
CIElCh	66, 23.604, 256.917
Yxy	35.7477, 0.2511, 0.2765
Android (android.graphics.Color)	4286293706 (0xFF7BA6CA)
YUV	157.2470, 22.0632, -30.0346
Hunter-Lab	59.7894, -7.7069, -18.7034

Details

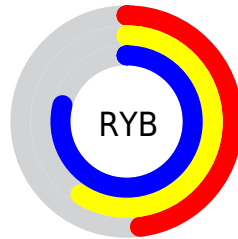
The XYZ color **32.4653, 35.7477, 61.0660** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.3312, 38.7837, 24.1004**, and the grayscale version is **32.0757, 33.7462, 36.7496**.

A 20% lighter version of the original color is **62.2665, 68.3979, 104.5281**, and **13.8884, 15.4748, 30.2719** is the 20% darker color. If you saturate the color by 10%, you get **28.2546, 31.1820, 60.4073**, and if you desaturate by 10%, it is **37.3943, 40.8631, 61.7942**.

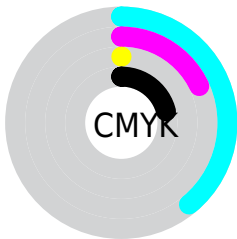
Distribution



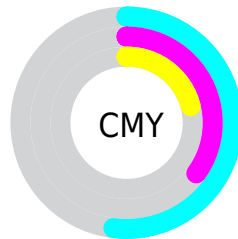
- Red (48%)
- Green (65%)
- Blue (79%)



- Red (48%)
- Yellow (59%)
- Blue (79%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (52%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4653, 35.7477, 61.0660 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 32.4653, 35.7477, 61.0660 by changing the saturation by 10% instead.

■ 32.4653, 35.7477,
61.0660

■ 32.4653, 35.7477,
61.0660

304.9412,
327.8564, 446.4292

■ 21.8744, 24.2394,
43.8475

■ 62.9001, 68.6425,
107.9330

■ 13.8807, 15.5113,
30.2143

■ 83.4747, 90.7977,
138.4185

■ 8.1189, 9.1790,
19.7479

■ 108.1080,
117.2708, 174.1635

■ 4.2236, 4.8581,
12.0297

137.1653,
148.4460, 215.5865

■ 1.8294, 2.1643,
6.6411

171.0118,
184.7078, 263.1061

■ 0.5353, 0.7004,
3.1637

210.0131,

■ 0.0000, 0.0000,

226.4405, 317.1407

1.1788

254.5344,
274.0286, 378.1089

■ 0.0000, 0.0000,
0.0000

■ 32.4653, 35.7477,
61.0660

■ 32.4653, 35.7477,
61.0660

■ 28.2546, 31.1820,
60.4073

■ 37.3943, 40.8631,
61.7942

■ 24.7194, 27.1378,
59.8130

■ 43.0742, 46.5463,
62.5918

■ 21.8171, 23.5901,
59.2812

■ 49.5400, 52.8194,
63.4619

■ 19.4984, 20.5097,
58.8088

■ 56.8230, 59.7021,
64.4065

■ 17.7056, 17.8627,
58.3924

■ 64.9529, 67.2130,
65.4278

■ 16.3431, 15.5955,
58.0266

■ 73.9578, 75.3697,
66.5276

■ 16.2316, 15.4058,
57.9959

■ 80.3195, 82.3616,
67.5418

■ 82.9556, 87.6340,
68.4206

■ 85.7292, 93.1812,
69.3451

Harmonies

Analogous

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



29.5531, 35.7477, 54.8974



32.4653, 35.7477, 61.0660



35.9884, 35.7477, 60.6132

Triad

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



32.4653, 35.7477, 61.0660



40.8855, 35.7477, 33.5419



29.2618, 35.7477, 27.1091

Complementary

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



32.4653, 35.7477, 61.0660



40.3312, 38.7837, 24.1004

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.



32.0422, 35.7477, 23.1444



32.4653, 35.7477, 61.0660



38.8220, 35.7477, 26.3938

Square

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



32.4653, 35.7477, 61.0660



41.0184, 35.7477, 43.4863



35.5352, 35.7477, 22.9075



27.7916, 35.7477, 34.6910

Rectangle

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



32.4653, 35.7477, 61.0660



38.2145, 35.7477, 56.6035



35.5352, 35.7477, 22.9075



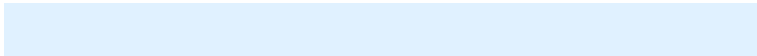
30.0651, 35.7477, 25.3710

Sweetspot

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



32.4665, 35.7491, 61.0668



80.3865, 86.0751, 106.9851



35.5089, 48.9404, 40.1726



16.8909, 18.1189, 22.8570



0.0000, 0.0000, 0.0000



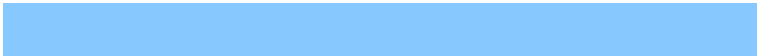
20.3446, 21.4041, 23.3091

Same Dimension

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



32.4665, 35.7491, 61.0668



48.8096, 53.8710, 102.4333



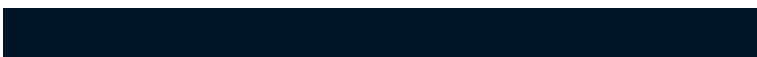
26.4130, 23.6423, 59.0490



11.0992, 11.8389, 14.2705



10.5348, 10.0935, 37.3493



0.6188, 0.6713, 1.9519

Inverse Universe

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



38.3240, 29.4768, 39.7475



60.3954, 42.8180, 59.9620



48.1385, 54.3984, 26.7028



11.4635, 11.3141, 12.9752



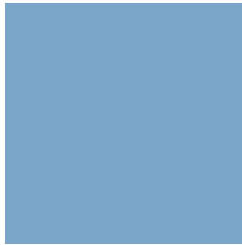
17.5284, 8.8219, 10.5010



0.9423, 0.4703, 0.7419

Previews

White Background



This preview shows how the XYZ color 32.4653, 35.7477, 61.0660 looks on a white background.

Color Contrast Check

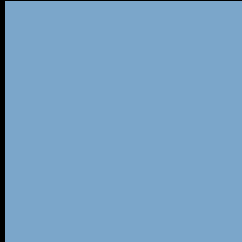
Large Text (above 18pt) WCAG AA × Fail

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 32.4653, 35.7477, 61.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

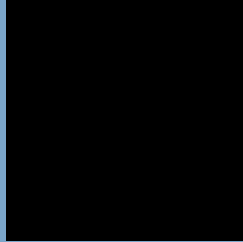
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4653, 35.7477, 61.0660

Background



This preview shows how black text looks on a background with the XYZ color 32.4653, 35.7477, 61.0660.



This preview shows how white text looks on a background with the XYZ color 32.4653, 35.7477,

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

32.4653, 35.7477, 61.0660

Protanopia

35.4251, 35.5029, 57.8090

Deuteranopia

36.4524, 35.6834, 62.0931



Tritanopia

30.2064, 35.6464, 50.0881

Trichromacy



Original Color

32.4653, 35.7477, 61.0660

Protanomaly

34.2136, 35.6269, 59.1063

Deuteranomaly

34.8521, 35.6412, 61.5424

Tritanomaly

31.0426, 35.7160, 53.9730

Monochromacy



Original Color

32.4653, 35.7477, 61.0660

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7907, 34.1785, 44.4567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4653, 35.7477, 61.0660 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(123, 166, 202)` looks like.

```
.text, #text, p{  
    color:rgb(123, 166, 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(123, 166, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 166, 202) }
```

Border

The CSS property to change the border of an element to XYZ 32.4653, 35.7477, 61.0660 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(123, 166, 202) }
```


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

```
.border{ border-color:rgb(123, 166, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 166, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 166, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 166, 202);  
box-shadow:4px 4px 4px 4px rgb(123, 166,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4653, 35.7477, 61.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 166, 202) }
```

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

```
.background{ background-color: rgb(123,  
166, 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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