

Converting Colors

XYZ(32.6415, 37.0672, 55.3035)

Have a look what the booklet for
XYZ(32.6415, 37.0672, 55.3035)
contains.

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Color

**XYZ(32.6415, 37.0672,
55.3035)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAAC0
RGB	127, 170, 192
RGB Percent	50%, 67%, 75%
CMY	0.5020, 0.3333, 0.2471
CMYK	0.34, 0.11, 0.00, 0.25
HSL	200°, 34%, 63%
HSV	200°, 34%, 75%
XYZ	32.6415, 37.0672, 55.3035
YIQ	159.6510, -32.6900, -2.2740

Conversions

Conversions Part 2

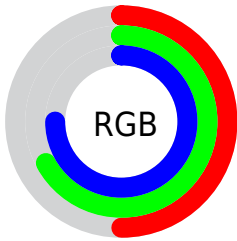
Format	Color
RYB	127, 153, 192
Decimal	8366784
CIELab	67.33, -9.03, -15.91
CIELCh	67, 18.288, 240.428
Yxy	37.0672, 0.2611, 0.2965
Android (android.graphics.Color)	4286556864 (0xFF7FAAC0)
YUV	159.6510, 15.9481, -28.6349
Hunter-Lab	60.8828, -10.8446, -11.2386

Details

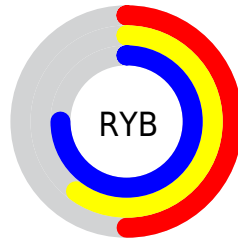
The XYZ color **32.6415, 37.0672, 55.3035** is a light color, and the websafe version is hex **669999**. A complement of this color would be **36.3170, 34.2341, 24.7733**, and the grayscale version is **33.1937, 34.9223, 38.0304**.

A 20% lighter version of the original color is **62.9245, 70.4515, 99.0890**, and **14.0403, 16.3168, 26.8356** is the 20% darker color. If you saturate the color by 10%, you get **28.8619, 33.3557, 54.7869**, and if you desaturate by 10%, it is **37.0285, 41.1830, 55.8673**.

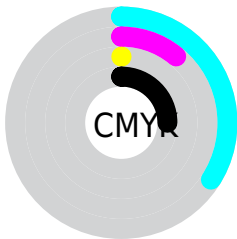
Distribution



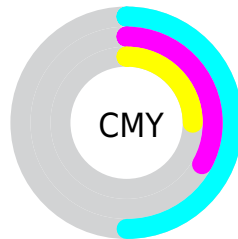
- Red (50%)
- Green (67%)
- Blue (75%)



- Red (50%)
- Yellow (60%)
- Blue (75%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6415, 37.0672, 55.3035 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 32.6415, 37.0672, 55.3035 by changing the saturation by 10% instead.

■ 32.6415, 37.0672,
55.3035

■ 32.6415, 37.0672,
55.3035

305.7248,
333.6014, 424.3757

■ 22.0099, 25.2595,
39.2445

■ 63.1738, 70.6761,
99.4611

■ 13.9808, 16.2705,
26.6407

■ 83.8053, 93.2462,
128.3968

■ 8.1889, 9.7158,
17.0735

■ 108.5007,
120.1725, 162.4618

■ 4.2689, 5.2109,
10.1244

137.6254,
151.8394, 202.0747

■ 1.8554, 2.3715,
5.3748

171.5449,
188.6313, 247.6540

■ 0.5507, 0.8112,
2.4063

210.6243,

■ 0.0000, 0.0000,

230.9327, 299.6182

0.7899

255.2292,
279.1279, 358.3859

■ 0.0000, 0.0000,
0.0000

■ 32.6415, 37.0672,
55.3035

■ 32.6415, 37.0672,
55.3035

■ 28.8619, 33.3557,
54.7869

■ 37.0285, 41.1830,
55.8673

■ 25.6545, 30.0263,
54.3134

■ 42.0489, 45.7151,
56.4775

■ 22.9852, 27.0613,
53.8817

■ 47.7312, 50.6803,
57.1364

■ 20.8148, 24.4389,
53.4900

■ 54.1013, 56.0932,
57.8455

■ 19.0984, 22.1346,
53.1357

■ 61.1835, 61.9673,
58.6060

■ 17.7817, 20.1191,
52.8160

■ 69.0007, 68.3158,
59.4194

■ 17.1066, 18.9898,
52.6336

■ 75.1799, 73.9164,
60.1747

■ 76.8726, 77.3018,
60.7390

■ 78.6318, 80.8203,
61.3254

Harmonies

Analogous

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



30.7916, 37.0672, 48.6796



32.6415, 37.0672, 55.3035



35.2714, 37.0672, 57.8170

Triad

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



32.6415, 37.0672, 55.3035



40.8914, 37.0672, 40.2449



32.5754, 37.0672, 28.4754

Complementary

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



32.6415, 37.0672, 55.3035



36.3170, 34.2341, 24.7733

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.



35.1911, 37.0672, 26.8263



32.6415, 37.0672, 55.3035



40.0784, 37.0672, 33.0466

Square

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



32.6415, 37.0672, 55.3035



40.1222, 37.0672, 48.4542



37.9545, 37.0672, 28.3844



30.7549, 37.0672, 33.2213

Rectangle

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



32.6415, 37.0672, 55.3035



37.1432, 37.0672, 56.5946



37.9545, 37.0672, 28.3844



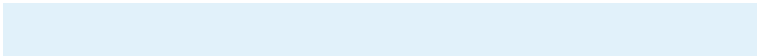
33.3861, 37.0672, 27.5710

Sweetspot

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



32.6426, 37.0687, 55.3044



79.8493, 86.0618, 102.7634



33.0011, 44.3714, 35.1205



16.8249, 18.1946, 22.0104



92.9021, 97.7402, 106.4391



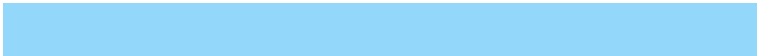
19.4759, 20.4902, 22.3138

Same Dimension

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



32.6426, 37.0687, 55.3044



53.7090, 61.8547, 99.4687



27.3323, 26.4479, 53.5342



10.0722, 10.8356, 12.8455



11.5851, 12.9267, 35.4411



0.5622, 0.6818, 1.5519

Inverse Universe

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



36.5842, 29.2884, 41.7568



62.1855, 46.2282, 70.0863



42.1275, 45.8551, 26.7101



10.3477, 10.1877, 11.9217



17.2436, 8.5872, 14.4607



0.7762, 0.3835, 0.7887

Previews

White Background



This preview shows how the XYZ color 32.6415, 37.0672, 55.3035 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 32.6415, 37.0672, 55.3035 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

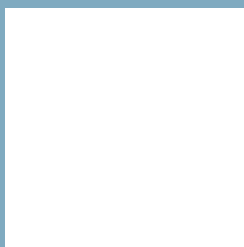
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6415, 37.0672, 55.3035

Background



This preview shows how black text looks on a background with the XYZ color 32.6415, 37.0672, 55.3035.



This preview shows how white text looks on a background with the XYZ color 32.6415, 37.0672,

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

32.6415, 37.0672, 55.3035

Protanopia

36.1880, 36.7994, 52.2094

Deuteranopia

37.6183, 36.9292, 56.1843



Tritanopia

31.7773, 36.9886, 51.3636

Trichromacy



Original Color

32.6415, 37.0672, 55.3035

Protanomaly

34.6731, 36.7874, 53.4173

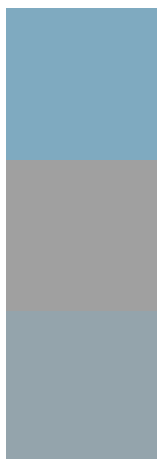
Deuteranomaly

35.6636, 36.9805, 55.7104

Tritanomaly

32.2442, 37.1923, 53.0563

Monochromacy



Original Color

32.6415, 37.0672, 55.3035

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9346, 35.8254, 44.2089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6415, 37.0672, 55.3035 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(127, 170, 192)` looks like.

```
.text, #text, p{  
    color:rgb(127, 170, 192)  
}
```

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(127, 170, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 170, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.6415, 37.0672, 55.3035 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(127, 170, 192) }
```


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

```
.border{ border-color:rgb(127, 170, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 170, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 170, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 170, 192);  
box-shadow:4px 4px 4px 4px rgb(127, 170,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6415, 37.0672, 55.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 170, 192) }
```

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

```
.background{ background-color: rgb(127,  
170, 192) }
```

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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