

Converting Colors

XYZ(32.8840, 37.3650, 58.0706)

Have a look what the booklet for
XYZ(32.8840, 37.3650, 58.0706)
contains.

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Color

**XYZ(32.9531, 37.4421,
58.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	7CABC5
RGB	124, 171, 197
RGB Percent	49%, 67%, 77%
CMY	0.5137, 0.3294, 0.2274
CMYK	0.37, 0.13, 0.00, 0.23
HSL	201°, 39%, 63%
HSV	201°, 37%, 77%
XYZ	32.9531, 37.4421, 58.3136
YIQ	159.9110, -36.3580, -1.8780

Conversions

Conversions Part 2

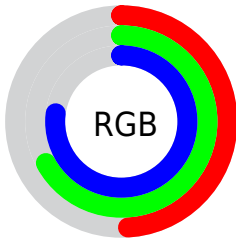
Format	Color
RYB	124, 153, 197
Decimal	8170437
CIELab	67.61, -9.12, -18.27
CIELCh	68, 20.418, 243.465
Yxy	37.4421, 0.2560, 0.2909
Android (android.graphics.Color)	4286360517 (0xFF7CABC5)
YUV	159.9110, 18.2849, -31.4939
Hunter-Lab	61.1900, -10.9534, -13.6700

Details

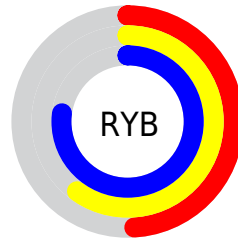
The XYZ color **32.9531, 37.4421, 58.3136** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.5710, 35.1388, 23.8720**, and the grayscale version is **33.3040, 35.0384, 38.1568**.

A 20% lighter version of the original color is **63.6762, 71.1322, 104.1397**, and **14.1533, 16.5164, 28.4286** is the 20% darker color. If you saturate the color by 10%, you get **29.0954, 33.5387, 57.7641**, and if you desaturate by 10%, it is **37.4522, 41.7823, 58.9149**.

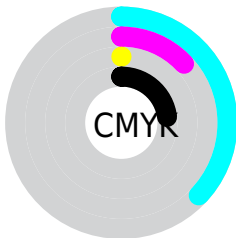
Distribution



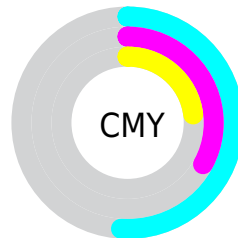
- Red (49%)
- Green (67%)
- Blue (77%)



- Red (49%)
- Yellow (60%)
- Blue (77%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9531, 37.4421, 58.3136 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 32.9531, 37.4421, 58.3136 by changing the saturation by 10% instead.

■ 32.9531, 37.4421,
58.3136

■ 32.9531, 37.4421,
58.3136

307.1071,
335.2206, 435.9843

■ 22.2496, 25.5500,
41.6444

■ 63.6575, 71.2522,
103.8987

■ 14.1580, 16.4873,
28.4995

■ 84.3890, 93.9390,
133.6517

■ 8.3131, 9.8696,
18.4602

■ 109.1940,
120.9928, 168.6031

■ 4.3494, 5.3126,
11.1081

138.4377,
152.7980, 209.1713

■ 1.9017, 2.4318,
6.0245

172.4855,
189.7390, 255.7751

■ 0.5778, 0.8422,
2.7909

211.7027,

■ 0.0000, 0.0000,

232.2001, 308.8328

0.9889

256.4548,
280.5659, 368.7630

■ 0.0000, 0.0000,
0.0000

■ 32.9531, 37.4421,
58.3136

■ 32.9531, 37.4421,
58.3136

■ 29.0954, 33.5387,
57.7641

■ 37.4522, 41.7823,
58.9149

■ 25.8406, 30.0481,
57.2619

■ 42.6215, 46.5731,
59.5671

■ 23.1508, 26.9500,
56.8057

■ 48.4921, 51.8331,
60.2730

■ 20.9825, 24.2202,
56.3931

■ 55.0923, 57.5782,
61.0340

■ 19.2848, 21.8309,
56.0214

■ 62.4483, 63.8234,
61.8518

■ 17.9887, 19.7445,
55.6870

■ 70.5854, 70.5833,
62.7277

■ 17.6469, 19.1687,
55.5939

■ 76.9418, 76.5386,
63.5422

■ 78.8234, 80.3018,
64.1694

■ 80.7832, 84.2214,
64.8226

Harmonies

Analogous

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



30.7762, 37.4421, 51.0861



32.9531, 37.4421, 58.3136



35.9544, 37.4421, 60.6198

Triad

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



32.9531, 37.4421, 58.3136



41.9733, 37.4421, 39.7301



32.3552, 37.4421, 27.9568

Complementary

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



32.9531, 37.4421, 58.3136



37.5710, 35.1388, 23.8720

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.



35.2233, 37.4421, 25.8059



32.9531, 37.4421, 58.3136



40.8760, 37.4421, 31.9422

Square

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



32.9531, 37.4421, 58.3136



41.2782, 37.4421, 49.0074



38.3589, 37.4421, 27.1506



30.4456, 37.4421, 33.5083

Rectangle

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



32.9531, 37.4421, 58.3136



38.0509, 37.4421, 58.8131



38.3589, 37.4421, 27.1506



33.2330, 37.4421, 26.8525

Sweetspot

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



32.9543, 37.4436, 58.3145



82.3682, 88.8537, 107.4169



33.7482, 46.4059, 35.8440



17.3197, 18.7403, 22.9543



0.0000, 0.0000, 0.0000



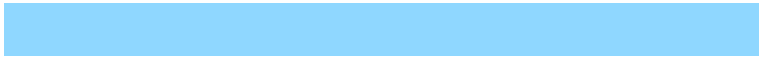
20.3446, 21.4041, 23.3091

Same Dimension

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



32.9543, 37.4436, 58.3145



53.6538, 61.6632, 103.6821



27.0482, 25.6313, 56.3458



10.6167, 11.4074, 13.5598



11.6882, 12.7703, 36.5932



0.6200, 0.7378, 1.7549

Inverse Universe

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



37.5853, 29.2269, 42.1900



63.3034, 45.7533, 69.8120



44.2343, 48.4653, 26.0931



10.9165, 10.7500, 12.5438



17.6990, 8.8292, 14.1567



0.8716, 0.4315, 0.8472

Previews

White Background



This preview shows how the XYZ color 32.9531, 37.4421, 58.3136 looks on a white background.

Color Contrast Check

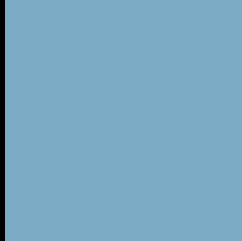
Large Text (above 18pt) WCAG AA × Fail

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 32.9531, 37.4421, 58.3136 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 32.9531, 37.4421, 58.3136

Background



This preview shows how black text looks on a background with the XYZ color 32.9531, 37.4421, 58.3136.



This preview shows how white text looks on a background with the XYZ color 32.9531, 37.4421,

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

32.9531, 37.4421, 58.3136

Protanopia

36.7992, 37.3269, 54.5555

Deuteranopia

38.1579, 37.3998, 59.2406



Tritanopia

31.7984, 37.5399, 52.5837

Trichromacy



Original Color

32.9531, 37.4421, 58.3136

Protanomaly

35.1159, 37.2337, 55.7881

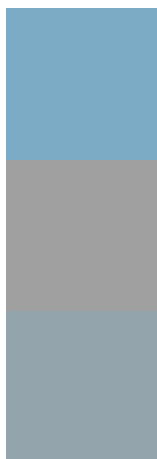
Deuteranomaly

36.0426, 37.3770, 58.7409

Tritanomaly

32.1825, 37.4042, 54.8137

Monochromacy



Original Color

32.9531, 37.4421, 58.3136

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.8509, 35.7711, 44.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9531, 37.4421, 58.3136 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, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(124, 171, 197)  
}
```

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, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 171, 197) }
```

Border

The CSS property to change the border of an element to XYZ 32.9531, 37.4421, 58.3136 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, 171, 197) }
```


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

```
.border{ border-color:rgb(124, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(124, 171,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9531, 37.4421, 58.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 171, 197) }
```

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

```
.background{ background-color: rgb(124,  
171, 197) }
```

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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