

Converting Colors

XYZ(33.1150, 37.6107, 59.0924)

Have a look what the booklet for
XYZ(33.1150, 37.6107, 59.0924)
contains.

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Color

**XYZ(33.0681, 37.4881,
58.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	7CABC6
RGB	124, 171, 198
RGB Percent	49%, 67%, 78%
CMY	0.5137, 0.3294, 0.2235
CMYK	0.37, 0.14, 0.00, 0.22
HSL	202°, 39%, 63%
HSV	202°, 37%, 78%
XYZ	33.0681, 37.4881, 58.9191
YIQ	160.0250, -36.6790, -1.5670

Conversions

Conversions Part 2

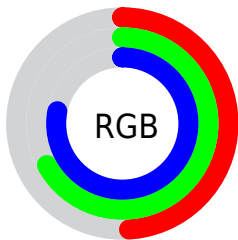
Format	Color
RYB	124, 153, 198
Decimal	8170438
CIELab	67.64, -8.86, -18.77
CIELCh	68, 20.755, 244.727
Yxy	37.4881, 0.2554, 0.2895
Android (android.graphics.Color)	4286360518 (0xFF7CABC6)
YUV	160.0250, 18.7217, -31.5939
Hunter-Lab	61.2275, -10.7429, -14.1954

Details

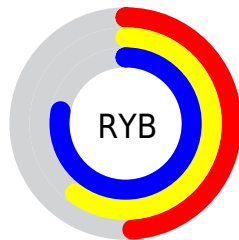
The XYZ color **33.0681, 37.4881, 58.9191** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.9940, 35.5948, 23.9378**, and the grayscale version is **33.3546, 35.0916, 38.2148**.

A 20% lighter version of the original color is **63.8368, 71.1964, 104.9855**, and **14.2294, 16.5469, 28.8295** is the 20% darker color. If you saturate the color by 10%, you get **29.1616, 33.5044, 58.3567**, and if you desaturate by 10%, it is **37.6260, 41.9201, 59.5350**.

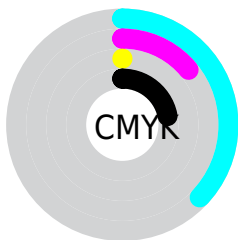
Distribution



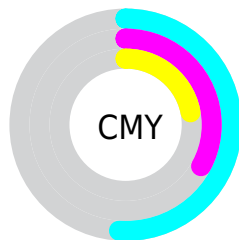
- Red (49%)
- Green (67%)
- Blue (78%)



- Red (49%)
- Yellow (60%)
- Blue (78%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0681, 37.4881, 58.9191 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 33.0681, 37.4881, 58.9191 by changing the saturation by 10% instead.

■ 33.0681, 37.4881,
58.9191

■ 33.0681, 37.4881,
58.9191

307.6160,
335.4189, 438.2956

■ 22.3381, 25.5856,
42.1284

■ 63.8358, 71.3228,
104.7880

■ 14.2235, 16.5139,
28.8755

■ 84.6042, 94.0239,
134.7034

■ 8.3590, 9.8885,
18.7419

■ 109.4495,
121.0933, 169.8307

■ 4.3793, 5.3251,
11.3090

138.7370,
152.9154, 210.5885

■ 1.9189, 2.4393,
6.1583

172.8320,
189.8746, 257.3953

■ 0.5878, 0.8460,
2.8712

212.1000,

■ 0.0000, 0.0000,

232.3554, 310.6698

1.0293

256.9062,
280.7420, 370.8303

■ 0.0000, 0.0000,
0.0000

■ 33.0681, 37.4881,
58.9191

■ 33.0681, 37.4881,
58.9191

■ 29.1616, 33.5044,
58.3567

■ 37.6260, 41.9201,
59.5350

■ 25.8673, 29.9444,
57.8432

■ 42.8647, 46.8146,
60.2036

■ 23.1468, 26.7874,
57.3772

■ 48.8159, 52.1905,
60.9276

■ 20.9556, 24.0085,
56.9563

■ 55.5082, 58.0642,
61.7086

■ 19.2418, 21.5793,
56.5778

■ 62.9684, 64.4512,
62.5482

■ 17.9330, 19.4604,
56.2378

■ 71.2221, 71.3661,
63.4479

■ 17.6235, 18.9379,
56.1532

■ 77.4407, 77.3523,
64.2756

■ 79.3958, 81.2626,
64.9273

■ 81.4342, 85.3393,
65.6068

Harmonies

Analogous

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



30.8092, 37.4881, 51.7034



33.0681, 37.4881, 58.9191



36.1408, 37.4881, 61.0217

Triad

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



33.0681, 37.4881, 58.9191



42.1227, 37.4881, 39.3831



32.2395, 37.4881, 27.9793

Complementary

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



33.0681, 37.4881, 58.9191



37.9940, 35.5948, 23.9378

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.



35.1266, 37.4881, 25.6531



33.0681, 37.4881, 58.9191



40.9320, 37.4881, 31.5792

Square

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



33.0681, 37.4881, 58.9191



41.4907, 37.4881, 48.8142



38.3237, 37.4881, 26.8654



30.3513, 37.4881, 33.7468

Rectangle

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



33.0681, 37.4881, 58.9191



38.2678, 37.4881, 59.0099



38.3237, 37.4881, 26.8654



33.1188, 37.4881, 26.8117

Sweetspot

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



33.0693, 37.4896, 58.9200



82.2944, 88.7061, 107.3923



34.0041, 46.8728, 36.0681



17.3021, 18.7050, 22.9485



0.0000, 0.0000, 0.0000



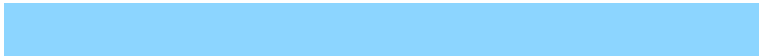
20.3446, 21.4041, 23.3091

Same Dimension

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



33.0693, 37.4896, 58.9200



52.7353, 60.4730, 103.5008



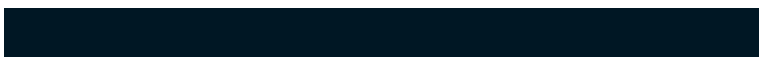
27.1841, 25.7192, 56.9583



10.6088, 11.3916, 13.5572



11.5446, 12.4832, 36.5454



0.6139, 0.7255, 1.7528

Inverse Universe

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



37.8480, 29.3624, 42.2023



62.6819, 44.9002, 68.4027



44.6767, 48.9600, 26.1653



10.9126, 10.7484, 12.5228



17.6265, 8.8002, 13.7751



0.8685, 0.4303, 0.8309

Previews

White Background



This preview shows how the XYZ color 33.0681, 37.4881, 58.9191 looks on a white background.

Color Contrast Check

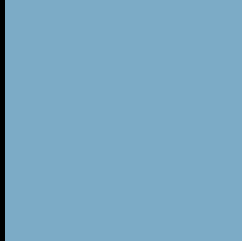
Large Text (above 18pt) WCAG AA × Fail

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 33.0681, 37.4881, 58.9191 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

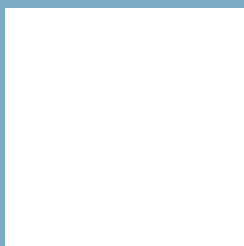
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0681, 37.4881, 58.9191

Background



This preview shows how black text looks on a background with the XYZ color 33.0681, 37.4881, 58.9191.



This preview shows how white text looks on a background with the XYZ color 33.0681, 37.4881,

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

33.0681, 37.4881, 58.9191

Protanopia

36.7122, 37.2693, 55.1279

Deuteranopia

38.0705, 37.3413, 59.8446



Tritanopia

31.7984, 37.5399, 52.5837

Trichromacy



Original Color

33.0681, 37.4881, 58.9191

Protanomaly

35.2279, 37.2785, 56.3777

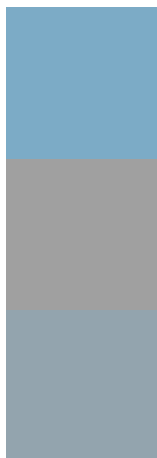
Deuteranomaly

35.9767, 37.3297, 59.3420

Tritanomaly

32.1825, 37.4042, 54.8137

Monochromacy



Original Color

33.0681, 37.4881, 58.9191

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.9481, 35.8100, 45.2199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0681, 37.4881, 58.9191 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(124, 171, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 171, 198) }
```

Border

The CSS property to change the border of an element to XYZ 33.0681, 37.4881, 58.9191 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, 198) }
```


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

```
.border{ border-color:rgb(124, 171, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(124, 171,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0681, 37.4881, 58.9191 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, 198) }
```

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

```
.background{ background-color: rgb(124,  
171, 198) }
```

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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