

Converting Colors

XYZ(31.8368, 37.4001, 54.6371)

Have a look what the booklet for
XYZ(31.8368, 37.4001, 54.6371)
contains.

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Color

**XYZ(31.9553, 37.5707,
54.8579)**

Conversions

Conversions Part 1

Format	Color
Hex	77ADBF
RGB	119, 173, 191
RGB Percent	47%, 68%, 75%
CMY	0.5333, 0.3216, 0.2510
CMYK	0.38, 0.09, 0.00, 0.25
HSL	195°, 36%, 61%
HSV	195°, 38%, 75%
XYZ	31.9553, 37.5707, 54.8579
YIQ	158.9060, -37.9620, -5.8500

Conversions

Conversions Part 2

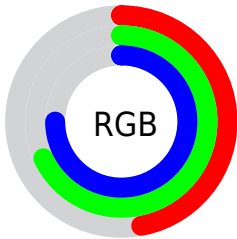
Format	Color
RYB	119, 150, 191
Decimal	7843263
CIELab	67.70, -13.12, -14.83
CIELCh	68, 19.796, 228.508
Yxy	37.5707, 0.2569, 0.3021
Android (android.graphics.Color)	4286033343 (0xFF77ADBF)
YUV	158.9060, 15.8223, -34.9976
Hunter-Lab	61.2949, -14.2076, -10.1571

Details

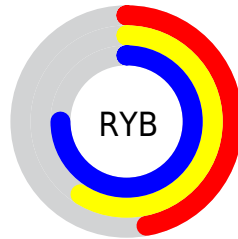
The XYZ color **31.9553, 37.5707, 54.8579** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.7619, 30.3001, 21.5228**, and the grayscale version is **32.8551, 34.5661, 37.6425**.

A 20% lighter version of the original color is **61.9875, 71.2009, 98.4717**, and **13.6716, 16.6680, 26.5414** is the 20% darker color. If you saturate the color by 10%, you get **28.6938, 34.5552, 54.4484**, and if you desaturate by 10%, it is **35.7786, 40.9262, 55.3047**.

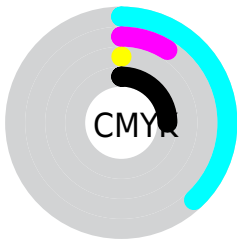
Distribution



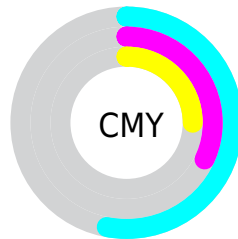
- Red (47%)
- Green (68%)
- Blue (75%)



- Red (47%)
- Yellow (59%)
- Blue (75%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9553, 37.5707, 54.8579 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 31.9553, 37.5707, 54.8579 by changing the saturation by 10% instead.

■ 31.9553, 37.5707,
54.8579

■ 31.9553, 37.5707,
54.8579

302.6645,
335.7748, 422.6398

■ 21.4827, 25.6497,
38.8901

■ 62.1067, 71.4497,
98.8018

■ 13.5918, 16.5617,
26.3671

■ 82.5162, 94.1764,
127.6150

■ 7.9171, 9.9225,
16.8702

■ 106.9688,
121.2738, 161.5471

■ 4.0933, 5.3476,
9.9810

135.8297,
153.1262, 201.0166

■ 1.7551, 2.4526,
5.2809

169.4644,
190.1182, 246.4421

■ 0.4904, 0.8528,
2.3514

208.2382,

■ 0.0000, 0.0000,

232.6340, 298.2421

0.7598

252.5164,
281.0581, 356.8352

■ 0.0000, 0.0000,
0.0000

■ 31.9553, 37.5707,
54.8579

■ 31.9553, 37.5707,
54.8579

■ 28.6938, 34.5552,
54.4484

■ 35.7786, 40.9262,
55.3047

■ 25.9585, 31.8582,
54.0720

■ 40.1897, 44.6328,
55.7877

■ 23.7152, 29.4623,
53.7278

■ 45.2171, 48.7067,
56.3091

■ 21.9237, 27.3465,
53.4138

■ 50.8862, 53.1615,
56.8701

■ 20.5371, 25.4859,
53.1278

■ 57.2211, 58.0100,
57.4721

■ 19.4864, 23.8444,
52.8663

■ 64.2445, 63.2645,
58.1161

■ 19.2649, 23.4832,
52.8083

■ 71.9783, 68.9365,
58.8033

■ 73.9881, 71.7097,
59.2327

■ 75.1935, 74.1204,
59.6345

Harmonies

Analogous

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



30.4207, 37.5707, 46.4880



31.9553, 37.5707, 54.8579



34.5514, 37.5707, 59.7220

Triad

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



31.9553, 37.5707, 54.8579



41.7854, 37.5707, 44.3547



33.8762, 37.5707, 26.9308

Complementary

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



31.9553, 37.5707, 54.8579



33.7619, 30.3001, 21.5228

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.



36.8938, 37.5707, 26.5293



31.9553, 37.5707, 54.8579



41.5790, 37.5707, 35.7936

Square

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



31.9553, 37.5707, 54.8579



40.2962, 37.5707, 53.1056



39.7475, 37.5707, 29.5496



31.4853, 37.5707, 30.7378

Rectangle

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



31.9553, 37.5707, 54.8579



36.5865, 37.5707, 59.9182



39.7475, 37.5707, 29.5496



34.8472, 37.5707, 26.4154

Sweetspot

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



31.9565, 37.5722, 54.8588



77.7224, 84.6184, 100.5157



30.6691, 42.9562, 29.8940



16.7930, 18.3599, 22.0440



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.



31.9565, 37.5722, 54.8588



52.4717, 62.9125, 97.6569



26.1298, 25.9189, 52.9166



9.6011, 10.3946, 12.1725



12.7269, 15.5656, 34.7266



0.5475, 0.7077, 1.3766

Inverse Universe

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



35.6265, 27.2882, 42.9262



60.1470, 42.6003, 72.4337



39.5309, 41.8381, 23.4458



9.8253, 9.6544, 11.4689



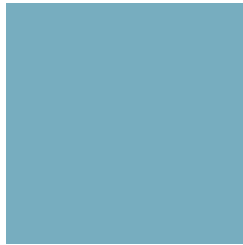
17.4247, 8.6010, 18.0621



0.7073, 0.3468, 0.8377

Previews

White Background



This preview shows how the XYZ color 31.9553, 37.5707, 54.8579 looks on a white background.

Color Contrast Check

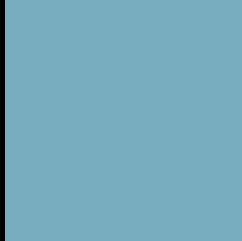
Large Text (above 18pt) WCAG AA × Fail

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 31.9553, 37.5707, 54.8579 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 31.9553, 37.5707, 54.8579

Background



This preview shows how black text looks on a background with the XYZ color 31.9553, 37.5707, 54.8579.



This preview shows how white text looks on a background with the XYZ color 31.9553, 37.5707,

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

31.9553, 37.5707, 54.8579

Protanopia

36.5521, 37.2742, 51.1671

Deuteranopia

38.0343, 37.1436, 56.2038



Tritanopia

31.6844, 37.7545, 53.1944

Trichromacy



Original Color

31.9553, 37.5707, 54.8579

Protanomaly

34.6424, 37.3363, 52.3945

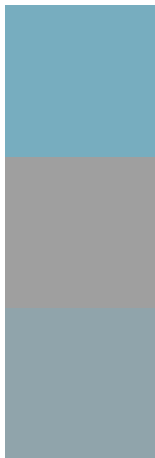
Deuteranomaly

35.4752, 37.1501, 55.7530

Tritanomaly

31.7926, 37.7978, 53.7642

Monochromacy



Original Color

31.9553, 37.5707, 54.8579

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1277, 35.4205, 43.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9553, 37.5707, 54.8579 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(119, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(119, 173, 191)  
}
```

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(119, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 173, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.9553, 37.5707, 54.8579 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(119, 173, 191) }
```


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

```
.border{ border-color:rgb(119, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(119, 173,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9553, 37.5707, 54.8579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 173, 191) }
```

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

```
.background{ background-color: rgb(119,  
173, 191) }
```

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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