

Converting Colors

XYZ(30.7977, 34.8478, 47.9969)

Have a look what the booklet for
XYZ(30.7977, 34.8478, 47.9969)
contains.

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Color

**XYZ(30.7977, 34.9108,
47.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	82A5B3
RGB	130, 165, 179
RGB Percent	51%, 65%, 70%
CMY	0.4902, 0.3529, 0.2980
CMYK	0.27, 0.08, 0.00, 0.30
HSL	197°, 24%, 61%
HSV	197°, 27%, 70%
XYZ	30.7977, 34.9108, 47.7631
YIQ	156.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

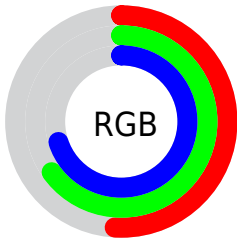
Format	Color
RYB	130, 150, 179
Decimal	8562099
CIELab	65.68, -8.64, -11.14
CIElCh	66, 14.097, 232.192
Yxy	34.9108, 0.2714, 0.3077
Android (android.graphics.Color)	4286752179 (0xFF82A5B3)
YUV	156.1310, 11.2744, -22.9169
Hunter-Lab	59.0854, -10.3579, -6.5688

Details

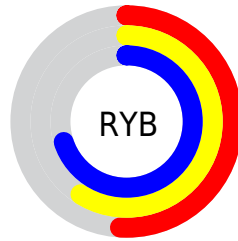
The XYZ color **30.7977, 34.9108, 47.7631** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.5932, 31.1420, 25.4129**, and the grayscale version is **31.6186, 33.2652, 36.2258**.

A 20% lighter version of the original color is **60.3558, 67.3749, 88.4208**, and **12.8955, 14.9789, 21.9502** is the 20% darker color. If you saturate the color by 10%, you get **27.3836, 31.8096, 47.3450**, and if you desaturate by 10%, it is **34.7285, 38.3348, 48.2174**.

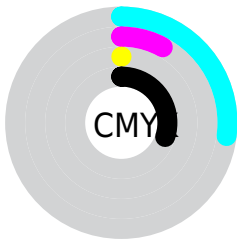
Distribution



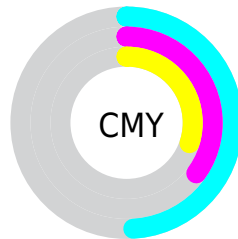
- Red (51%)
- Green (65%)
- Blue (70%)



- Red (51%)
- Yellow (59%)
- Blue (70%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (49%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7977, 34.9108, 47.7631 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 30.7977, 34.9108, 47.7631 by changing the saturation by 10% instead.

■ 30.7977, 34.9108,
47.7631

■ 30.7977, 34.9108,
47.7631

297.4488,
324.1744, 394.3339

■ 20.5959, 23.5942,
33.2807

■ 60.2994, 67.3476,
88.2135

■ 12.9397, 15.0329,
22.0687

■ 80.3301, 89.2365,
115.0184

■ 7.4638, 8.8424,
13.7086

■ 104.3678,
115.4183, 146.7680

■ 3.8027, 4.6386,
7.7818

132.7778,
146.2774, 183.8808

■ 1.5911, 2.0368,
3.8699

165.9256,
182.1981, 226.7752

■ 0.3866, 0.6287,
1.5542

204.1765,

■ 0.0000, 0.0000,

223.5650, 275.8698

0.2579

247.8957,
270.7623, 331.5832

■ 0.0000, 0.0000,
0.0000

■ 30.7977, 34.9108,
47.7631

■ 30.7977, 34.9108,
47.7631

■ 27.3836, 31.8096,
47.3450

■ 34.7285, 38.3348,
48.2174

■ 24.4578, 29.0134,
46.9595

■ 39.1961, 42.0901,
48.7068

■ 21.9939, 26.5088,
46.6060

■ 44.2235, 46.1899,
49.2332

■ 19.9618, 24.2797,
46.2828

■ 49.8313, 50.6456,
49.7976

■ 18.3273, 22.3076,
45.9883

■ 56.0390, 55.4677,
50.4012

■ 17.0508, 20.5716,
45.7205

■ 62.8653, 60.6664,
51.0449

■ 16.0734, 19.0406,
45.4765

■ 70.2164, 66.1940,
51.7244

■ 15.8385, 18.6581,
45.4150

■ 71.4269, 68.6149,
52.1278

■ 72.6774, 71.1159,
52.5447

Harmonies

Analogous

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



29.6261, 34.9108, 42.4888



30.7977, 34.9108, 47.7631



32.6431, 34.9108, 50.4803

Triad

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



30.7977, 34.9108, 47.7631



37.2894, 34.9108, 39.5839



31.6988, 34.9108, 28.3915

Complementary

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



30.7977, 34.9108, 47.7631



32.5932, 31.1420, 25.4129

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.



33.7261, 34.9108, 27.7868



30.7977, 34.9108, 47.7631



37.0109, 34.9108, 33.8611

Square

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



30.7977, 34.9108, 47.7631



36.4315, 34.9108, 45.4480



35.6856, 34.9108, 29.6874



30.1311, 34.9108, 31.4347

Rectangle

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



30.7977, 34.9108, 47.7631



34.0306, 34.9108, 50.2973



35.6856, 34.9108, 29.6874



32.3470, 34.9108, 27.9101

Sweetspot

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



30.7988, 34.9122, 47.7639



69.5542, 74.8477, 87.1623



30.3518, 38.9967, 32.2669



15.1330, 16.3525, 19.2810



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.7988, 34.9122, 47.7639



51.2709, 59.0239, 85.0717



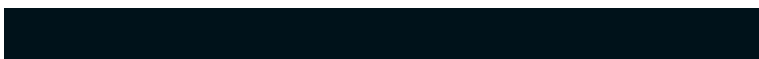
26.8117, 26.9381, 46.4349



8.5335, 9.2131, 10.8349



11.2496, 13.2997, 32.1112



0.4007, 0.5120, 1.0259

Inverse Universe

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



33.3654, 28.2663, 39.2964



56.7498, 45.4266, 66.8639



36.6938, 39.3431, 26.7797



8.7445, 8.6045, 10.1527



15.9130, 7.8827, 15.2335



0.5243, 0.2575, 0.6036

Previews

White Background



This preview shows how the XYZ color 30.7977, 34.9108, 47.7631 looks on a white background.

Color Contrast Check

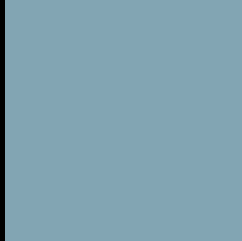
Large Text (above 18pt) WCAG AA × Fail

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 30.7977, 34.9108, 47.7631 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

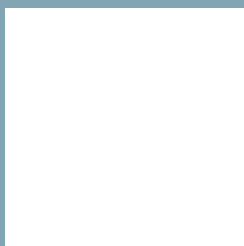
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7977, 34.9108, 47.7631

Background



This preview shows how black text looks on a background with the XYZ color 30.7977, 34.9108, 47.7631.



This preview shows how white text looks on a background with the XYZ color 30.7977, 34.9108,

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

30.7977, 34.9108, 47.7631

Protanopia

33.8694, 34.7170, 45.4734

Deuteranopia

35.3717, 34.6714, 48.5440



Tritanopia

30.6969, 34.8704, 47.2322

Trichromacy



Original Color

30.7977, 34.9108, 47.7631

Protanomaly

32.6140, 34.8274, 46.0777

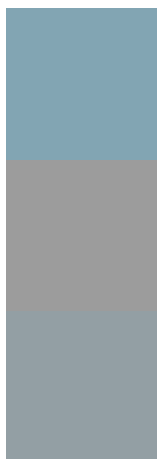
Deuteranomaly

33.5853, 34.7670, 48.1206

Tritanomaly

30.6969, 34.8704, 47.2322

Monochromacy



Original Color

30.7977, 34.9108, 47.7631

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1316, 33.6797, 39.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7977, 34.9108, 47.7631 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(130, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(130, 165, 179)  
}
```

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(130, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 165, 179) }
```

Border

The CSS property to change the border of an element to XYZ 30.7977, 34.9108, 47.7631 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(130, 165, 179) }
```


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

```
.border{ border-color:rgb(130, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(130, 165,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7977, 34.9108, 47.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 165, 179) }
```

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

```
.background{ background-color: rgb(130,  
165, 179) }
```

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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