

Converting Colors

XYZ(30.3442, 34.6770, 47.7418)

Have a look what the booklet for
XYZ(30.3442, 34.6770, 47.7418)
contains.

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Color

**XYZ(30.3442, 34.6770,
47.7418)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA5B3
RGB	127, 165, 179
RGB Percent	50%, 65%, 70%
CMY	0.5020, 0.3529, 0.2980
CMYK	0.29, 0.08, 0.00, 0.30
HSL	196°, 25%, 60%
HSV	196°, 29%, 70%
XYZ	30.3442, 34.6770, 47.7418
YIQ	155.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

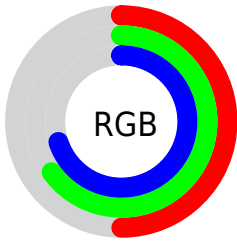
Format	Color
RYB	127, 149, 179
Decimal	8365491
CIELab	65.50, -9.55, -11.43
CIElCh	65, 14.894, 230.127
Yxy	34.6770, 0.2691, 0.3075
Android (android.graphics.Color)	4286555571 (0xFF7FA5B3)
YUV	155.2340, 11.7166, -24.7612
Hunter-Lab	58.8872, -11.0726, -6.8474

Details

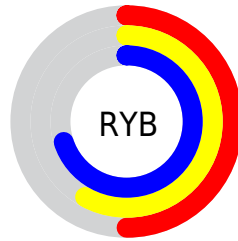
The XYZ color **30.3442, 34.6770, 47.7418** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.9464, 30.1659, 24.2183**, and the grayscale version is **31.2185, 32.8443, 35.7674**.

A 20% lighter version of the original color is **59.6447, 67.0083, 88.3876**, and **12.6515, 14.8531, 21.9388** is the 20% darker color. If you saturate the color by 10%, you get **27.0589, 31.7181, 47.3444**, and if you desaturate by 10%, it is **34.1380, 37.9483, 48.1739**.

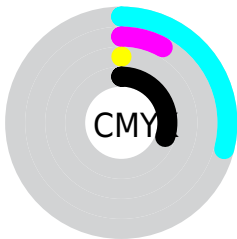
Distribution



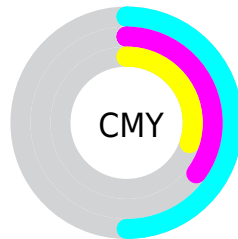
- Red (50%)
- Green (65%)
- Blue (70%)



- Red (50%)
- Yellow (58%)
- Blue (70%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (50%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3442, 34.6770, 47.7418 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 30.3442, 34.6770, 47.7418 by changing the saturation by 10% instead.

■ 30.3442, 34.6770,
47.7418

■ 30.3442, 34.6770,
47.7418

295.3867,
323.1403, 394.2469

■ 20.2494, 23.4142,
33.2639

■ 59.5890, 66.9851,
88.1814

■ 12.6858, 14.8996,
22.0559

■ 79.4696, 88.7991,
114.9802

■ 7.2880, 8.7490,
13.6993

■ 103.3429,
114.8990, 146.7230

■ 3.6908, 4.5778,
7.7755

131.5743,
145.6692, 183.8285

■ 1.5287, 2.0017,
3.8659

164.5289,
181.4940, 226.7150

■ 0.3453, 0.6085,
1.5521

202.5723,

■ 0.0000, 0.0000,

222.7579, 275.8013

0.2563

246.0698,
269.8452, 331.5057

■ 0.0000, 0.0000,
0.0000

■ 30.3442, 34.6770,
47.7418

■ 30.3442, 34.6770,
47.7418

■ 27.0589, 31.7181,
47.3444

■ 34.1380, 37.9483,
48.1739

■ 24.2535, 29.0539,
46.9780

■ 38.4607, 41.5406,
48.6394

■ 21.9013, 26.6709,
46.6420

■ 43.3354, 45.4671,
49.1404

■ 19.9716, 24.5527,
46.3349

■ 48.7829, 49.7390,
49.6778

■ 18.4296, 22.6808,
46.0548

■ 54.8227, 54.3669,
50.2528

■ 17.2344, 21.0335,
45.7999

■ 61.4737, 59.3610,
50.8662

■ 16.3112, 19.5718,
45.5664

■ 68.7536, 64.7310,
51.5190

■ 16.2283, 19.4378,
45.5449

■ 70.8633, 67.4877,
51.9399

■ 72.0231, 69.8073,
52.3265

Harmonies

Analogous

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



29.1778, 34.6770, 42.0413



30.3442, 34.6770, 47.7418



32.2458, 34.6770, 50.8642

Triad

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



30.3442, 34.6770, 47.7418



37.2646, 34.6770, 39.8537



31.5378, 34.6770, 27.5689

Complementary

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



30.3442, 34.6770, 47.7418



31.9464, 30.1659, 24.2183

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.



33.6835, 34.6770, 27.1210



30.3442, 34.6770, 47.7418



37.0545, 34.6770, 33.7748

Square

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



30.3442, 34.6770, 47.7418



36.2827, 34.6770, 45.9895



35.7208, 34.6770, 29.2721



29.8456, 34.6770, 30.5714

Rectangle

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



30.3442, 34.6770, 47.7418



33.7021, 34.6770, 50.8529



35.7208, 34.6770, 29.2721



32.2278, 34.6770, 27.1284

Sweetspot

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



30.3452, 34.6784, 47.7426



68.7969, 74.3282, 87.1020



29.6710, 38.6720, 31.0487



14.9814, 16.2538, 19.2699



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.



30.3452, 34.6784, 47.7426



50.3968, 58.5779, 85.0316



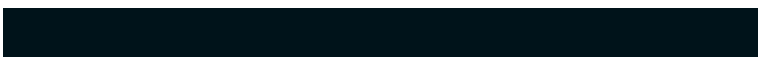
26.1417, 26.2713, 46.3414



8.5453, 9.2368, 10.8388



11.5234, 13.8472, 32.2024



0.4077, 0.5259, 1.0283

Inverse Universe

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



32.9721, 27.4799, 39.1652



55.9908, 43.9060, 66.6186



36.2161, 38.7053, 25.6415



8.7504, 8.6069, 10.1843



16.0511, 7.9380, 15.9611



0.5278, 0.2589, 0.6221

Previews

White Background



This preview shows how the XYZ color 30.3442, 34.6770, 47.7418 looks on a white background.

Color Contrast Check

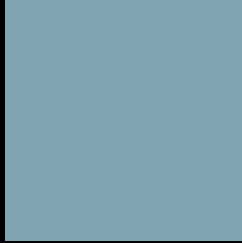
Large Text (above 18pt) WCAG AA × Fail

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 30.3442, 34.6770, 47.7418 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 30.3442, 34.6770, 47.7418

Background



This preview shows how black text looks on a background with the XYZ color 30.3442, 34.6770, 47.7418.



This preview shows how white text looks on a background with the XYZ color 30.3442, 34.6770,

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

30.3442, 34.6770, 47.7418

Protanopia

33.7715, 34.6778, 44.9579

Deuteranopia

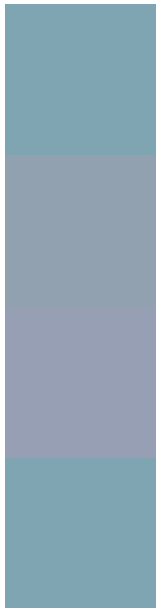
35.1661, 34.5654, 48.5344



Tritanopia

30.2434, 34.6366, 47.2110

Trichromacy



Original Color

30.3442, 34.6770, 47.7418

Protanomaly

32.4354, 34.7353, 46.0694

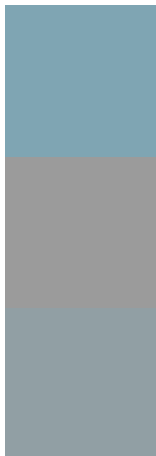
Deuteranomaly

33.2140, 34.5756, 48.1032

Tritanomaly

30.2434, 34.6366, 47.2110

Monochromacy



Original Color

30.3442, 34.6770, 47.7418

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7760, 33.4964, 39.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3442, 34.6770, 47.7418 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, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 165, 179) }
```

Border

The CSS property to change the border of an element to XYZ 30.3442, 34.6770, 47.7418 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, 165, 179) }
```


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

```
.border{ border-color:rgb(127, 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(127, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(127, 165,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3442, 34.6770, 47.7418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 165, 179) }
```

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

```
.background{ background-color: rgb(127,  
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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