

Converting Colors

XYZ(30.6695, 33.8822, 47.3237)

Have a look what the booklet for
XYZ(30.6695, 33.8822, 47.3237)
contains.

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Color

**XYZ(30.7131, 33.8127,
47.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	86A1B3
RGB	134, 161, 179
RGB Percent	53%, 63%, 70%
CMY	0.4745, 0.3686, 0.2980
CMYK	0.25, 0.10, 0.00, 0.30
HSL	204°, 23%, 61%
HSV	204°, 25%, 70%
XYZ	30.7131, 33.8127, 47.5556
YIQ	154.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

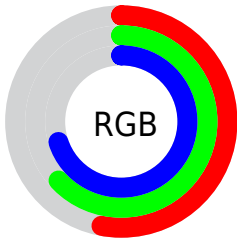
Format	Color
RYB	134, 151, 179
Decimal	8823219
CIELab	64.81, -5.23, -12.41
CIElCh	65, 13.465, 247.164
Yxy	33.8127, 0.2740, 0.3017
Android (android.graphics.Color)	4287013299 (0xFF86A1B3)
YUV	154.9790, 11.8424, -18.3986
Hunter-Lab	58.1487, -7.4797, -7.7849

Details

The XYZ color **30.7131, 33.8127, 47.5556** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1223, 33.7618, 27.2735**, and the grayscale version is **31.1034, 32.7232, 35.6356**.

A 20% lighter version of the original color is **60.2903, 65.8013, 88.1205**, and **12.9091, 14.4972, 21.8565** is the 20% darker color. If you saturate the color by 10%, you get **26.8827, 30.0343, 47.0287**, and if you desaturate by 10%, it is **35.1002, 37.9861, 48.1305**.

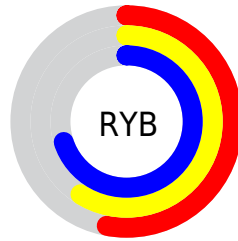
Distribution



Red (53%)

Green (63%)

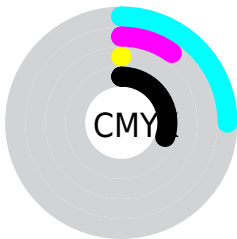
Blue (70%)



Red (53%)

Yellow (59%)

Blue (70%)

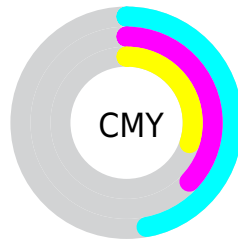


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (30%)



Cyan (47%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7131, 33.8127, 47.5556 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 30.7131, 33.8127, 47.5556 by changing the saturation by 10% instead.

■ 30.7131, 33.8127,
47.5556

■ 30.7131, 33.8127,
47.5556

297.0649,
319.2961, 393.4857

■ 20.5312, 22.7497,
33.1176

■ 60.1670, 65.6423,
87.9010

■ 12.8923, 14.4088,
21.9447

■ 80.1698, 87.1777,
114.6455

■ 7.4309, 8.4056,
13.6183

■ 104.1769,
112.9728, 146.3293

■ 3.7817, 4.3555,
7.7200

132.5537,
143.4118, 183.3708

■ 1.5794, 1.8744,
3.8311

165.6655,
178.8793, 226.1887

■ 0.3789, 0.5329,
1.5332

203.8778,

■ 0.0000, 0.0000,

219.7596, 275.2014

0.2424

247.5558,
266.4370, 330.8276

■ 0.0000, 0.0000,
0.0000

■ 30.7131, 33.8127,
47.5556

■ 30.7131, 33.8127,
47.5556

■ 26.8827, 30.0343,
47.0287

■ 35.1002, 37.9861,
48.1305

■ 23.5803, 26.6320,
46.5461

■ 40.0645, 42.5643,
48.7525

■ 20.7794, 23.5909,
46.1067

■ 45.6295, 47.5619,
49.4238

■ 18.4496, 20.8936,
45.7089

■ 51.8161, 52.9914,
50.1458

■ 16.5569, 18.5207,
45.3506

■ 58.6445, 58.8648,
50.9195

■ 15.0622, 16.4500,
45.0297

■ 66.1336, 65.1933,
51.7464

■ 13.9178, 14.6550,
44.7436

■ 72.7008, 71.1627,
52.5524

■ 13.4369, 13.8550,
44.6145

■ 74.5207, 74.8024,
53.1591

■ 76.4208, 78.6026,
53.7924

Harmonies

Analogous

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



29.2584, 33.8127, 43.6480



30.7131, 33.8127, 47.5556



32.6050, 33.8127, 48.4547

Triad

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



30.7131, 33.8127, 47.5556



35.9795, 33.8127, 35.5012



29.9387, 33.8127, 28.9484

Complementary

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



30.7131, 33.8127, 47.5556



34.1223, 33.7618, 27.2735

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.



31.6754, 33.8127, 27.2088



30.7131, 33.8127, 47.5556



35.2005, 33.8127, 30.7374

Square

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



30.7131, 33.8127, 47.5556



35.6966, 33.8127, 41.1161



33.6062, 33.8127, 27.8293



28.8240, 33.8127, 32.8272

Rectangle

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



30.7131, 33.8127, 47.5556



33.8697, 33.8127, 47.1528



33.6062, 33.8127, 27.8293



30.4663, 33.8127, 28.1129

Sweetspot

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



30.7141, 33.8141, 47.5564



68.9783, 73.6958, 86.9703



31.5587, 39.5518, 35.3565



14.9830, 16.0524, 19.2310



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.



30.7141, 33.8141, 47.5564



51.2033, 56.8398, 84.6537



27.2379, 26.8617, 46.3976



8.4518, 9.0498, 10.8077



9.5600, 9.9204, 31.5479



0.3560, 0.4226, 1.0110

Inverse Universe

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



33.5494, 29.2081, 37.5891



57.2159, 47.5279, 63.4146



37.9820, 41.4812, 28.5600



8.7032, 8.5880, 9.9356



15.0601, 7.5416, 10.7424



0.5017, 0.2484, 0.4848

Previews

White Background



This preview shows how the XYZ color 30.7131, 33.8127, 47.5556 looks on a white background.

Color Contrast Check

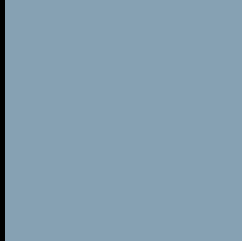
Large Text (above 18pt) WCAG AA × Fail

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 30.7131, 33.8127, 47.5556 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

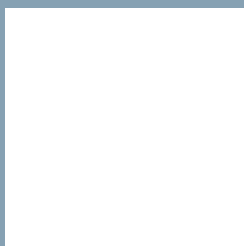
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7131, 33.8127, 47.5556

Background



This preview shows how black text looks on a background with the XYZ color 30.7131, 33.8127, 47.5556.



This preview shows how white text looks on a background with the XYZ color 30.7131, 33.8127,

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

30.7131, 33.8127, 47.5556

Protanopia

33.0514, 33.7815, 45.8528

Deuteranopia

34.4297, 33.6957, 48.4053



Tritanopia

30.3311, 33.9224, 45.5065

Trichromacy



Original Color

30.7131, 33.8127, 47.5556

Protanomaly

32.1953, 33.8311, 46.4282

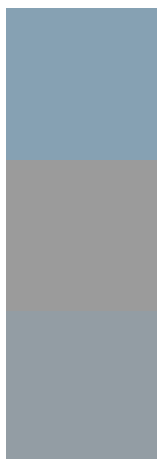
Deuteranomaly

32.8892, 33.6515, 47.9420

Tritanomaly

30.4297, 33.9618, 46.0258

Monochromacy



Original Color

30.7131, 33.8127, 47.5556

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7904, 32.9973, 39.8682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7131, 33.8127, 47.5556 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(134, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(134, 161, 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(134, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 161, 179) }
```

Border

The CSS property to change the border of an element to XYZ 30.7131, 33.8127, 47.5556 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(134, 161, 179) }
```


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

```
.border{ border-color:rgb(134, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(134, 161,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7131, 33.8127, 47.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 161, 179) }
```

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

```
.background{ background-color: rgb(134,  
161, 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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