

Converting Colors

XYZ(30.4390, 35.3960, 47.6110)

Have a look what the booklet for
XYZ(30.4390, 35.3960, 47.6110)
contains.

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Color

**XYZ(30.4128, 35.2521,
47.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA7B3
RGB	125, 167, 179
RGB Percent	49%, 65%, 70%
CMY	0.5098, 0.3451, 0.2980
CMYK	0.30, 0.07, 0.00, 0.30
HSL	193°, 26%, 60%
HSV	193°, 30%, 70%
XYZ	30.4128, 35.2521, 47.8492
YIQ	155.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

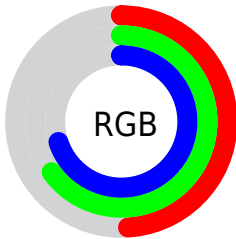
Format	Color
RYB	125, 149, 179
Decimal	8234931
CIELab	65.94, -11.22, -10.77
CIElCh	66, 15.555, 223.827
Yxy	35.2521, 0.2679, 0.3106
Android (android.graphics.Color)	4286425011 (0xFF7DA7B3)
YUV	155.8100, 11.4327, -27.0204
Hunter-Lab	59.3735, -12.4708, -6.2205

Details

The XYZ color **30.4128, 35.2521, 47.8492** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.2381, 28.9558, 23.3453**, and the grayscale version is **31.4760, 33.1152, 36.0624**.

A 20% lighter version of the original color is **59.7071, 67.8244, 88.5418**, and **12.7207, 15.2237, 22.0067** is the 20% darker color. If you saturate the color by 10%, you get **27.3143, 32.5905, 47.4994**, and if you desaturate by 10%, it is **34.0068, 38.2041, 48.2302**.

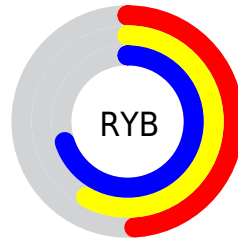
Distribution



Red (49%)

Green (65%)

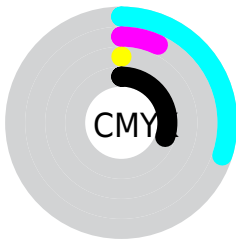
Blue (70%)



Red (49%)

Yellow (58%)

Blue (70%)

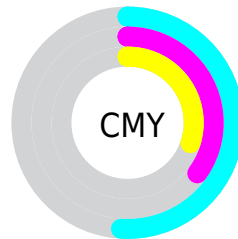


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4128, 35.2521, 47.8492 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 30.4128, 35.2521, 47.8492 by changing the saturation by 10% instead.

■ 30.4128, 35.2521,
47.8492

■ 30.4128, 35.2521,
47.8492

295.6993,
325.6797, 394.6855

■ 20.3018, 23.8571,
33.3483

■ 59.6965, 67.8761,
88.3430

■ 12.7241, 15.2277,
22.1201

■ 79.6000, 89.8740,
115.1731

■ 7.3145, 8.9793,
13.7460

■ 103.4982,
116.1749, 146.9500

■ 3.7076, 4.7277,
7.8075

131.7566,
147.1633, 184.0922

■ 1.5381, 2.0884,
3.8860

164.7406,
183.2236, 227.0184

■ 0.3515, 0.6581,
1.5630

202.8155,

■ 0.0000, 0.0000,

224.7402, 276.1469

0.2642

246.3466,
272.0974, 331.8965

■ 0.0000, 0.0000,
0.0000

■ 30.4128, 35.2521,
47.8492

■ 30.4128, 35.2521,
47.8492

■ 27.3143, 32.5905,
47.4994

■ 34.0068, 38.2041,
48.2302

■ 24.6826, 30.2017,
47.1770

■ 38.1166, 41.4547,
48.6410

■ 22.4908, 28.0724,
46.8815

■ 42.7655, 45.0170,
49.0836

■ 20.7081, 26.1863,
46.6114

■ 47.9741, 48.9020,
49.5589

■ 19.2991, 24.5250,
46.3650

■ 53.7620, 53.1201,
50.0680

■ 18.2225, 23.0667,
46.1403

■ 60.1479, 57.6812,
50.6118

■ 17.4028, 21.7866,
45.9364

■ 67.1497, 62.5946,
51.1912

■ 69.7589, 65.2789,
51.5718

■ 70.6849, 67.1309,
51.8804

Harmonies

Analogous

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



29.3887, 35.2521, 41.4939



30.4128, 35.2521, 47.8492



32.2881, 35.2521, 51.8928

Triad

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



30.4128, 35.2521, 47.8492



37.9400, 35.2521, 42.0243



32.4592, 35.2521, 27.3421

Complementary

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



30.4128, 35.2521, 47.8492



31.2381, 28.9558, 23.3453

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.



34.7543, 35.2521, 27.4494



30.4128, 35.2521, 47.8492



37.9910, 35.2521, 35.4327

Square

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



30.4128, 35.2521, 47.8492



36.6660, 35.2521, 48.2757



36.8023, 35.2521, 30.2566



30.5331, 35.2521, 29.9444

Rectangle

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



30.4128, 35.2521, 47.8492



33.8024, 35.2521, 52.4738



36.8023, 35.2521, 30.2566



33.2115, 35.2521, 27.0725

Sweetspot

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



30.4139, 35.2535, 47.8500



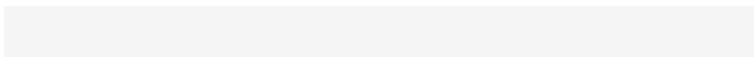
69.0653, 74.8650, 87.1914



29.0720, 38.3983, 29.4343



15.0500, 16.3909, 19.2928



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.



30.4139, 35.2535, 47.8500



50.7957, 60.0078, 85.2866



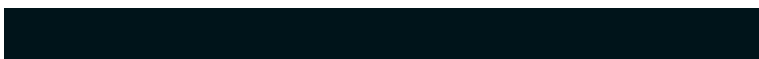
26.0168, 26.4593, 46.3843



8.5793, 9.3048, 10.8502



12.3473, 15.4950, 32.4770



0.4282, 0.5668, 1.0351

Inverse Universe

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



32.8999, 27.0417, 40.0464



56.0378, 43.3339, 68.6876



35.5145, 37.5087, 24.7708



8.7676, 8.6138, 10.2746



16.4670, 8.1044, 18.1510



0.5381, 0.2630, 0.6765

Previews

White Background



This preview shows how the XYZ color 30.4128, 35.2521, 47.8492 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 30.4128, 35.2521, 47.8492 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

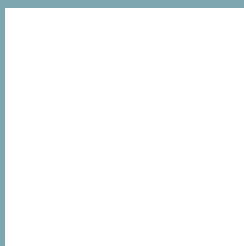
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4128, 35.2521, 47.8492

Background



This preview shows how black text looks on a background with the XYZ color 30.4128, 35.2521, 47.8492.



This preview shows how white text looks on a background with the XYZ color 30.4128, 35.2521,

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

30.4128, 35.2521, 47.8492

Protanopia

34.1387, 35.1214, 45.0242

Deuteranopia

35.7460, 35.1125, 48.6094



Tritanopia

30.5144, 35.2927, 48.3839

Trichromacy



Original Color

30.4128, 35.2521, 47.8492

Protanomaly

32.6109, 35.0862, 46.1278

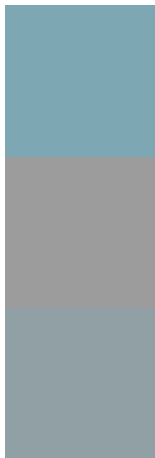
Deuteranomaly

33.3867, 34.9209, 48.1608

Tritanomaly

30.5144, 35.2927, 48.3839

Monochromacy



Original Color

30.4128, 35.2521, 47.8492

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.9487, 33.8417, 40.0229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4128, 35.2521, 47.8492 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(125, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 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(125, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 179) }
```

Border

The CSS property to change the border of an element to XYZ 30.4128, 35.2521, 47.8492 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(125, 167, 179) }
```


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

```
.border{ border-color:rgb(125, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(125, 167,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4128, 35.2521, 47.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 179) }
```

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

```
.background{ background-color: rgb(125,  
167, 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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