

Converting Colors

XYZ(31.2886, 35.4326, 47.8379)

Have a look what the booklet for
XYZ(31.2886, 35.4326, 47.8379)
contains.

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Color

**XYZ(31.2886, 35.4326,
47.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	84A6B3
RGB	132, 166, 179
RGB Percent	52%, 65%, 70%
CMY	0.4823, 0.3490, 0.2980
CMYK	0.26, 0.07, 0.00, 0.30
HSL	197°, 24%, 61%
HSV	197°, 26%, 70%
XYZ	31.2886, 35.4326, 47.8379
YIQ	157.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

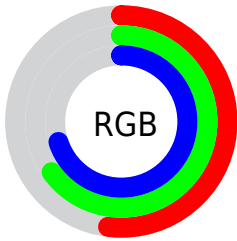
Format	Color
RYB	132, 152, 179
Decimal	8693427
CIELab	66.08, -8.57, -10.52
CIElCh	66, 13.570, 230.823
Yxy	35.4326, 0.2731, 0.3093
Android (android.graphics.Color)	4286883507 (0xFF84A6B3)
YUV	157.3160, 10.6902, -22.2021
Hunter-Lab	59.5253, -10.3433, -5.9811

Details

The XYZ color **31.2886, 35.4326, 47.8379** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.8811, 31.5007, 26.1778**, and the grayscale version is **32.1521, 33.8266, 36.8371**.

A 20% lighter version of the original color is **61.1015, 68.1502, 88.5312**, and **13.1765, 15.2903, 21.9955** is the 20% darker color. If you saturate the color by 10%, you get **27.8436, 32.3472, 47.4245**, and if you desaturate by 10%, it is **35.2507, 38.8378, 48.2869**.

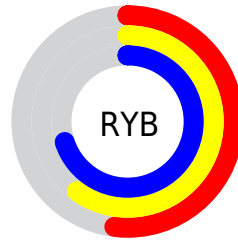
Distribution



Red (52%)

Green (65%)

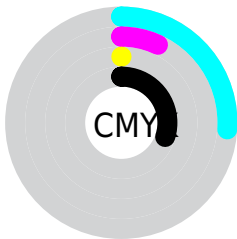
Blue (70%)



Red (52%)

Yellow (60%)

Blue (70%)

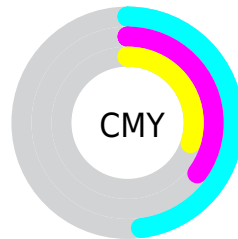


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (48%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2886, 35.4326, 47.8379 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 31.2886, 35.4326, 47.8379 by changing the saturation by 10% instead.

■ 31.2886, 35.4326,
47.8379

■ 31.2886, 35.4326,
47.8379

299.6689,
326.4737, 394.6394

■ 20.9716, 23.9963,
33.3395

■ 61.0669, 68.1554,
88.3260

■ 13.2156, 15.3309,
22.1134

■ 81.2590, 90.2107,
115.1528

■ 7.6552, 9.0519,
13.7411

■ 105.4734,
116.5744, 146.9261

■ 3.9251, 4.7751,
7.8041

134.0756,
147.6310, 184.0645

■ 1.6598, 2.1159,
3.8839

167.4308,
183.7648, 226.9865

■ 0.4309, 0.6735,
1.5619

205.9046,

■ 0.0000, 0.0000,

225.3603, 276.1106

0.2634

249.8622,
272.8018, 331.8554

■ 0.0000, 0.0000,
0.0000

■ 31.2886, 35.4326,
47.8379

■ 31.2886, 35.4326,
47.8379

■ 27.8436, 32.3472,
47.4245

■ 35.2507, 38.8378,
48.2869

■ 24.8876, 29.5638,
47.0431

■ 39.7497, 42.5709,
48.7704

■ 22.3946, 27.0694,
46.6930

■ 44.8086, 46.6452,
49.2902

■ 20.3346, 24.8479,
46.3728

■ 50.4477, 51.0717,
49.8473

■ 18.6742, 22.8815,
46.0807

■ 56.6864, 55.8609,
50.4429

■ 17.3745, 21.1495,
45.8149

■ 63.5432, 61.0229,
51.0779

■ 16.3841, 19.6248,
45.5728

■ 70.1834, 66.1278,
51.7133

■ 16.0527, 19.0865,
45.4864

■ 71.3535, 68.4681,
52.1033

■ 72.5611, 70.8834,
52.5059

Harmonies

Analogous

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



30.1841, 35.4326, 42.6609



31.2886, 35.4326, 47.8379



33.0634, 35.4326, 50.6050

Triad

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



31.2886, 35.4326, 47.8379



37.6496, 35.4326, 40.3772



32.3189, 35.4326, 29.1094

Complementary

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



31.2886, 35.4326, 47.8379



32.8811, 31.5007, 26.1778

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.



34.2994, 35.4326, 28.6290



31.2886, 35.4326, 47.8379



37.4308, 35.4326, 34.7682

Square

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



31.2886, 35.4326, 47.8379



36.7716, 35.4326, 46.0237



36.1853, 35.4326, 30.6011



30.7623, 35.4326, 31.9857

Rectangle

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



31.2886, 35.4326, 47.8379



34.4105, 35.4326, 50.5388



36.1853, 35.4326, 30.6011



32.9553, 35.4326, 28.6744

Sweetspot

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



31.2897, 35.4340, 47.8387



69.6005, 74.9402, 87.1777



30.7115, 39.1764, 32.5437



15.1451, 16.3766, 19.2850



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.



31.2897, 35.4340, 47.8387



52.0548, 59.9216, 85.2036



27.4706, 27.7959, 46.5657



8.5400, 9.2262, 10.8371



11.4001, 13.6005, 32.1613



0.4045, 0.5196, 1.0272

Inverse Universe

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



33.7255, 28.8403, 39.8671



57.3091, 46.2766, 67.8781



36.7647, 39.2679, 27.4724



8.7478, 8.6058, 10.1702



15.9889, 7.9131, 15.6333



0.5262, 0.2582, 0.6138

Previews

White Background



This preview shows how the XYZ color 31.2886, 35.4326, 47.8379 looks on a white background.

Color Contrast Check

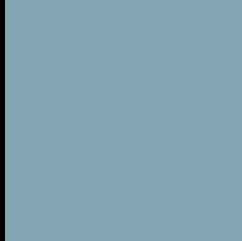
Large Text (above 18pt) WCAG AA × Fail

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 31.2886, 35.4326, 47.8379 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

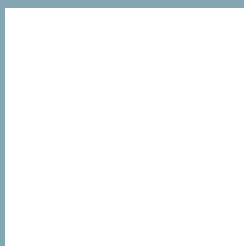
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2886, 35.4326, 47.8379

Background



This preview shows how black text looks on a background with the XYZ color 31.2886, 35.4326, 47.8379.

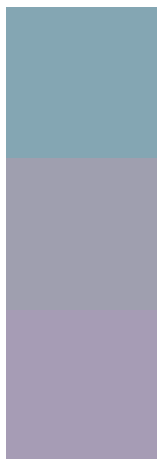


This preview shows how white text looks on a background with the XYZ color 31.2886, 35.4326,

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

31.2886, 35.4326, 47.8379

Protanopia

34.4341, 35.2623, 45.5489

Deuteranopia

35.9548, 35.2201, 48.6192



Tritanopia

31.2886, 35.4326, 47.8379

Trichromacy



Original Color

31.2886, 35.4326, 47.8379

Protanomaly

33.1512, 35.3648, 46.1531

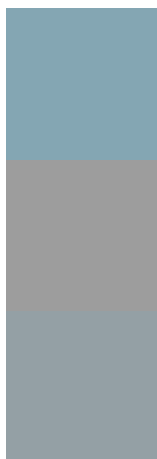
Deuteranomaly

34.1355, 35.3069, 48.1958

Tritanomaly

31.2886, 35.4326, 47.8379

Monochromacy



Original Color

31.2886, 35.4326, 47.8379

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5751, 34.1541, 40.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2886, 35.4326, 47.8379 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(132, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(132, 166, 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(132, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 166, 179) }
```

Border

The CSS property to change the border of an element to XYZ 31.2886, 35.4326, 47.8379 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(132, 166, 179) }
```


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

```
.border{ border-color:rgb(132, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(132, 166,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2886, 35.4326, 47.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 166, 179) }
```

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

```
.background{ background-color: rgb(132,  
166, 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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