

Converting Colors

XYZ(32.8645, 37.0871, 46.5101)

Have a look what the booklet for
XYZ(32.8645, 37.0871, 46.5101)
contains.

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Color

**XYZ(32.8397, 37.0860,
46.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA9B0
RGB	140, 169, 176
RGB Percent	55%, 66%, 69%
CMY	0.4510, 0.3372, 0.3098
CMYK	0.20, 0.04, 0.00, 0.31
HSL	192°, 19%, 62%
HSV	192°, 20%, 69%
XYZ	32.8397, 37.0860, 46.5018
YIQ	161.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

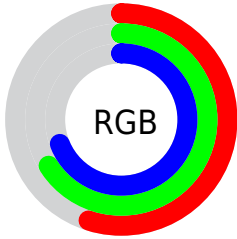
Format	Color
RYB	140, 156, 176
Decimal	9218480
CIELab	67.34, -8.38, -6.92
CIElCh	67, 10.868, 219.562
Yxy	37.0860, 0.2821, 0.3185
Android (android.graphics.Color)	4287408560 (0xFF8CA9B0)
YUV	161.1270, 7.3324, -18.5284
Hunter-Lab	60.8983, -10.3150, -2.6449

Details

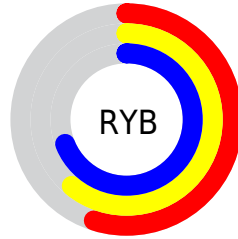
The XYZ color **32.8397, 37.0860, 46.5018** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.0722, 31.9911, 29.2436**, and the grayscale version is **33.9097, 35.6756, 38.8508**.

A 20% lighter version of the original color is **63.4693, 70.6068, 86.6272**, and **14.1192, 16.3017, 21.4712** is the 20% darker color. If you saturate the color by 10%, you get **29.4801, 34.4224, 46.1654**, and if you desaturate by 10%, it is **36.6925, 40.0304, 46.8677**.

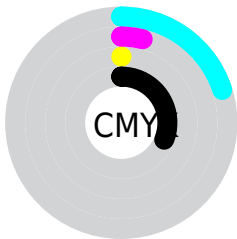
Distribution



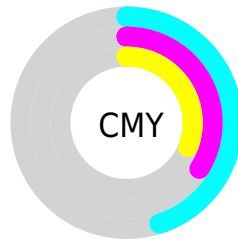
- Red (55%)
- Green (66%)
- Blue (69%)



- Red (55%)
- Yellow (61%)
- Blue (69%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8397, 37.0860, 46.5018 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 32.8397, 37.0860, 46.5018 by changing the saturation by 10% instead.

■ 32.8397, 37.0860,
46.5018

■ 32.8397, 37.0860,
46.5018

306.6046,
333.6827, 389.1584

■ 22.1623, 25.2741,
32.2905

■ 63.4815, 70.7050,
86.3117

■ 14.0935, 16.2814,
21.3168

■ 84.1767, 93.2809,
112.7473

■ 8.2679, 9.7235,
13.1623

■ 108.9418,
120.2136, 144.0947

■ 4.3201, 5.2160,
7.4083

138.1423,
151.8875, 180.7725

■ 1.8847, 2.3746,
3.6365

172.1435,
188.6870, 223.1993

■ 0.5680, 0.8127,
1.4281

211.3106,

■ 0.0000, 0.0000,

230.9964, 271.7935

0.1635

256.0092,
279.2002, 326.9737

■ 0.0000, 0.0000,
0.0000

■ 32.8397, 37.0860,
46.5018

■ 32.8397, 37.0860,
46.5018

■ 29.4801, 34.4224,
46.1654

■ 36.6925, 40.0304,
46.8677

■ 26.5878, 32.0234,
45.8547

■ 41.0564, 43.2623,
47.2615

■ 24.1394, 29.8775,
45.5696

■ 45.9523, 46.7935,
47.6850

■ 22.1082, 27.9709,
45.3086

■ 51.3990, 50.6340,
48.1392

■ 20.4645, 26.2880,
45.0704

■ 57.4144, 54.7930,
48.6250

■ 19.1744, 24.8111,
44.8534

■ 64.0154, 59.2797,
49.1431

■ 18.1980, 23.5196,
44.6555

■ 68.1359, 62.5133,
49.5501

■ 17.4783, 22.4180,
44.4808

■ 68.9008, 64.0430,
49.8050

■ 69.6833, 65.6080,
50.0658

Harmonies

Analogous

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



32.1874, 37.0860, 41.9216



32.8397, 37.0860, 46.5018



34.1437, 37.0860, 49.5892

Triad

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



32.8397, 37.0860, 46.5018



38.3329, 37.0860, 43.6652



34.7204, 37.0860, 32.0021

Complementary

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



32.8397, 37.0860, 46.5018



33.0722, 31.9911, 29.2436

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.



36.3782, 37.0860, 32.3886



32.8397, 37.0860, 46.5018



38.4991, 37.0860, 38.8774

Square

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



32.8397, 37.0860, 46.5018



37.3263, 37.0860, 47.8642



37.7736, 37.0860, 34.8212



33.2504, 37.0860, 33.7203

Rectangle

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



32.8397, 37.0860, 46.5018



35.2247, 37.0860, 50.2533



37.7736, 37.0860, 34.8212



35.2736, 37.0860, 31.8934

Sweetspot

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



32.8408, 37.0875, 46.5026



69.8728, 75.0845, 85.3054



31.5764, 38.7209, 33.2499



15.0358, 16.1928, 18.4774



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.8408, 37.0875, 46.5026



56.4150, 64.7930, 84.0282



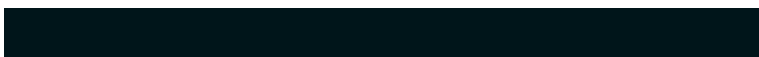
29.7836, 30.9731, 45.4836



8.5995, 9.3452, 10.8569



12.8649, 16.5302, 32.6496



0.4408, 0.5921, 1.0393

Inverse Universe

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



34.4449, 30.8517, 41.6774



59.9496, 51.3732, 73.3244



36.0219, 37.8905, 30.2268



8.7778, 8.6178, 10.3283



16.7283, 8.2089, 19.5268



0.5445, 0.2655, 0.7100

Previews

White Background



This preview shows how the XYZ color 32.8397, 37.0860, 46.5018 looks on a white background.

Color Contrast Check

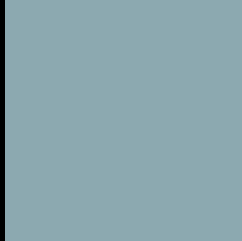
Large Text (above 18pt) WCAG AA × Fail

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 32.8397, 37.0860, 46.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

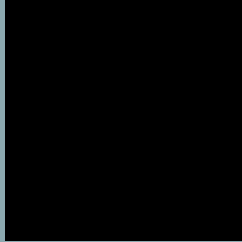
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8397, 37.0860, 46.5018

Background



This preview shows how black text looks on a background with the XYZ color 32.8397, 37.0860, 46.5018.



This preview shows how white text looks on a background with the XYZ color 32.8397, 37.0860,

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

32.8397, 37.0860, 46.5018

Protanopia

35.8534, 37.0655, 44.2944

Deuteranopia

37.6676, 36.8949, 47.2556



Tritanopia

33.4306, 37.0454, 49.6445

Trichromacy



Original Color

32.8397, 37.0860, 46.5018

Protanomaly

34.5155, 36.8960, 44.8376

Deuteranomaly

35.7309, 36.9458, 46.8430

Tritanomaly

33.2254, 36.9633, 48.5635

Monochromacy



Original Color

32.8397, 37.0860, 46.5018

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2953, 36.0764, 41.2850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8397, 37.0860, 46.5018 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(140, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 176)  
}
```

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(140, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 176) }
```

Border

The CSS property to change the border of an element to XYZ 32.8397, 37.0860, 46.5018 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(140, 169, 176) }
```


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

```
.border{ border-color:rgb(140, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8397, 37.0860, 46.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 176) }
```

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

```
.background{ background-color: rgb(140,  
169, 176) }
```

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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