

Converting Colors

XYZ(32.1093, 34.8071, 47.1348)

Have a look what the booklet for
XYZ(32.1093, 34.8071, 47.1348)
contains.

XYZ(32.1115, 34.8058, 47.1452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.1115, 34.8058,
47.1452)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA2B2
RGB	142, 162, 178
RGB Percent	56%, 64%, 70%
CMY	0.4431, 0.3647, 0.3020
CMYK	0.20, 0.09, 0.00, 0.30
HSL	207°, 19%, 63%
HSV	207°, 20%, 70%
XYZ	32.1115, 34.8058, 47.1452
YIQ	157.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

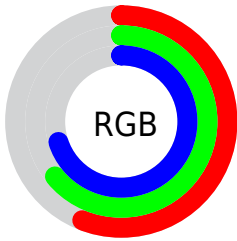
Format	Color
RYB	142, 155, 178
Decimal	9347762
CIELab	65.60, -3.47, -10.62
CIElCh	66, 11.174, 251.893
Yxy	34.8058, 0.2815, 0.3051
Android (android.graphics.Color)	4287537842 (0xFF8EA2B2)
YUV	157.8440, 9.9369, -13.8952
Hunter-Lab	58.9964, -6.0870, -6.0823

Details

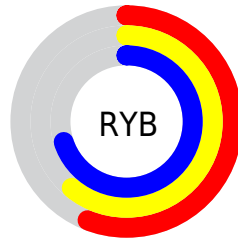
The XYZ color **32.1115, 34.8058, 47.1452** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4697, 35.8716, 30.6463**, and the grayscale version is **32.3915, 34.0783, 37.1113**.

A 20% lighter version of the original color is **62.4291, 67.3020, 87.5421**, and **13.5920, 14.8567, 21.5533** is the 20% darker color. If you saturate the color by 10%, you get **27.9484, 30.6566, 46.5643**, and if you desaturate by 10%, it is **36.8521, 39.3846, 47.7797**.

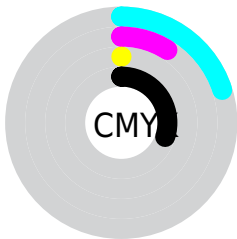
Distribution



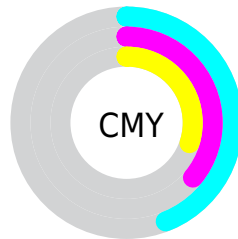
- Red (56%)
- Green (64%)
- Blue (70%)



- Red (56%)
- Yellow (61%)
- Blue (70%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (44%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1115, 34.8058, 47.1452 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 32.1115, 34.8058, 47.1452 by changing the saturation by 10% instead.

■ 32.1115, 34.8058,
47.1452

■ 32.1115, 34.8058,
47.1452

303.3631,
323.7103, 391.8043

■ 21.6026, 23.5133,
32.7953

■ 62.3499, 67.1848,
87.2826

■ 13.6802, 14.9730,
21.6998

■ 82.8101, 89.0401,
113.9071

■ 7.9788, 8.8004,
13.4403

■ 107.3181,
115.1852, 145.4603

■ 4.1331, 4.6112,
7.5982

136.2393,
146.0044, 182.3606

■ 1.7777, 2.0210,
3.7549

169.9391,
181.8821, 225.0266

■ 0.5042, 0.6196,
1.4918

208.7827,

■ 0.0000, 0.0000,

223.2027, 273.8769

0.2118

253.1356,
270.3507, 329.3300

■ 0.0000, 0.0000,
0.0000

■ 32.1115, 34.8058,
47.1452

■ 32.1115, 34.8058,
47.1452

■ 27.9484, 30.6566,
46.5643

■ 36.8521, 39.3846,
47.7797

■ 24.3348, 26.9176,
46.0331

■ 42.1902, 44.4030,
48.4670

■ 21.2454, 23.5741,
45.5505

■ 48.1485, 49.8758,
49.2093

■ 18.6510, 20.6086,
45.1149

■ 54.7478, 55.8160,
50.0081

■ 16.5196, 18.0019,
44.7241

■ 62.0077, 62.2357,
50.8646

■ 14.8147, 15.7328,
44.3759

■ 69.9469, 69.1467,
51.7801

■ 13.4939, 13.7763,
44.0679

■ 74.1853, 74.2931,
52.5500

■ 12.4884, 12.1192,
43.8011

■ 76.2780, 78.4785,
53.2476

■ 78.4699, 82.8622,
53.9782

Harmonies

Analogous

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



30.7897, 34.8058, 44.2531



32.1115, 34.8058, 47.1452



33.7359, 34.8058, 47.4389

Triad

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



32.1115, 34.8058, 47.1452



36.2643, 34.8058, 36.0669



31.0207, 34.8058, 31.5649

Complementary

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



32.1115, 34.8058, 47.1452



35.4697, 35.8716, 30.6463

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.



32.4363, 34.8058, 29.7299



32.1115, 34.8058, 47.1452



35.4851, 34.8058, 32.1818

Square

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



32.1115, 34.8058, 47.1452



36.1703, 34.8058, 40.7741



34.0716, 34.8058, 29.9460



30.1744, 34.8058, 35.1596

Rectangle

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



32.1115, 34.8058, 47.1452



34.7759, 34.8058, 46.0936



34.0716, 34.8058, 29.9460



31.4438, 34.8058, 30.7358

Sweetspot

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



32.1125, 34.8072, 47.1460



70.6831, 75.0722, 87.1462



33.2135, 40.0470, 38.1475



15.5242, 16.5044, 19.2897



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.



32.1125, 34.8072, 47.1460



54.9441, 59.8728, 85.0419



29.2258, 29.0337, 46.1837



8.4204, 8.9869, 10.7972



8.9990, 8.7984, 31.3610



0.3402, 0.3910, 1.0058

Inverse Universe

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



34.5555, 31.4203, 38.4275



60.1900, 52.8752, 66.2585



38.6902, 42.3126, 31.7198



8.6874, 8.5817, 9.8521



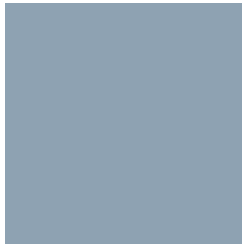
14.7769, 7.4283, 9.2513



0.4938, 0.2453, 0.4428

Previews

White Background



This preview shows how the XYZ color 32.1115, 34.8058, 47.1452 looks on a white background.

Color Contrast Check

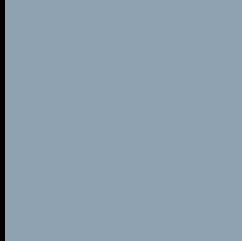
Large Text (above 18pt) WCAG AA × Fail

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 32.1115, 34.8058, 47.1452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

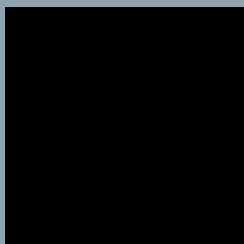
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

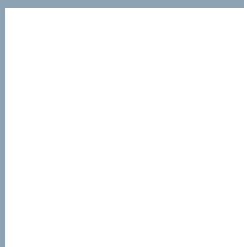
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1115, 34.8058, 47.1452

Background



This preview shows how black text looks on a background with the XYZ color 32.1115, 34.8058, 47.1452.



This preview shows how white text looks on a background with the XYZ color 32.1115, 34.8058,

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

32.1115, 34.8058, 47.1452

Protanopia

33.8694, 34.7170, 45.4734

Deuteranopia

35.3751, 34.6967, 47.4805



Tritanopia

31.6427, 34.5985, 45.5679

Trichromacy



Original Color

32.1115, 34.8058, 47.1452

Protanomaly

33.1835, 34.6063, 46.0050

Deuteranomaly

34.2682, 34.8765, 47.5735

Tritanomaly

31.7413, 34.6380, 46.0871

Monochromacy



Original Color

32.1115, 34.8058, 47.1452

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1386, 34.1883, 40.5024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1115, 34.8058, 47.1452 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(142, 162, 178)` looks like.

```
.text, #text, p{  
    color:rgb(142, 162, 178)  
}
```

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(142, 162, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 162, 178) }
```

Border

The CSS property to change the border of an element to XYZ 32.1115, 34.8058, 47.1452 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(142, 162, 178) }
```


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

```
.border{ border-color:rgb(142, 162, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 162, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 162, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 162, 178);  
box-shadow:4px 4px 4px 4px rgb(142, 162,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1115, 34.8058, 47.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 162, 178) }
```

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

```
.background{ background-color: rgb(142,  
162, 178) }
```

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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