

Converting Colors

XYZ(32.6081, 47.1527, 38.2550)

Have a look what the booklet for
XYZ(32.6081, 47.1527, 38.2550)
contains.

XYZ(32.6287, 47.1431, 38.3902)	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(32.6287, 47.1431,
38.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	69C99B
RGB	105, 201, 155
RGB Percent	41%, 79%, 61%
CMY	0.5882, 0.2118, 0.3921
CMYK	0.48, 0.00, 0.23, 0.21
HSL	151°, 47%, 60%
HSV	151°, 48%, 79%
XYZ	32.6287, 47.1431, 38.3902
YIQ	167.0520, -42.4500, -34.6580

Conversions

Conversions Part 2

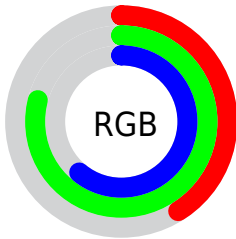
Format	Color
RYB	105, 168, 201
Decimal	6932891
CIELab	74.28, -39.04, 14.37
CIELCh	74, 41.603, 159.800
Yxy	47.1431, 0.2761, 0.3990
Android (android.graphics.Color)	4285122971 (0xFF69C99B)
YUV	167.0520, -5.9416, -54.4196
Hunter-Lab	68.6608, -35.3305, 14.9119

Details

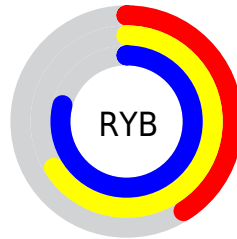
The XYZ color **32.6287, 47.1431, 38.3902** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.7264, 24.7560, 32.2278**, and the grayscale version is **36.7998, 38.7162, 42.1620**.

A 20% lighter version of the original color is **62.0908, 83.7502, 73.8656**, and **13.9499, 22.1616, 16.6391** is the 20% darker color. If you saturate the color by 10%, you get **29.7643, 45.7575, 34.2013**, and if you desaturate by 10%, it is **36.1181, 48.8460, 42.9472**.

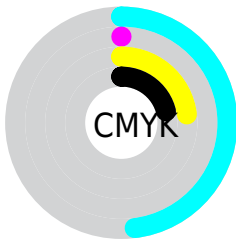
Distribution



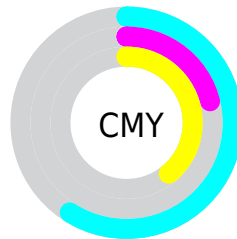
- Red (41%)
- Green (79%)
- Blue (61%)



- Red (41%)
- Yellow (66%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)




- Cyan (59%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6287, 47.1431, 38.3902 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 32.6287, 47.1431, 38.3902 by changing the saturation by 10% instead.

 32.6287, 47.1431,
38.3902


 32.6287, 47.1431,
38.3902


305.6680,
375.3854, 354.6391


 22.0000, 33.1488,
25.9815

 63.1540, 85.9272,
73.9159


 13.9735, 22.2405,
16.5842


 83.7813, 111.4858,
97.8699

 8.1838, 14.0337,
9.7796


 108.4722,
141.6679, 126.5095

 4.2656, 8.1441,
5.1494

 137.5920,
176.8579, 160.2531

 1.8535, 4.1873,
2.2749

171.5062,
217.4403, 199.5194

 0.5496, 1.7789,
0.7171

210.5800,

 0.0000, 0.4740,

263.7994, 244.7267

0.0000

255.1788,
316.3197, 296.2938

■ 0.0000, 0.0000,
0.0000

■ 32.6287, 47.1431,
38.3902

■ 32.6287, 47.1431,
38.3902

■ 29.7643, 45.7575,
34.2013

■ 36.1181, 48.8460,
42.9472

■ 27.4797, 44.6622,
30.3676

■ 40.2662, 50.8795,
47.8785

■ 25.7294, 43.8353,
26.8798


■ 45.1086, 53.2632,
53.1940


■ 24.4587, 43.2487,
23.7271


■ 50.6772, 56.0134,
58.9024


■ 23.5895, 42.8623,
20.8968


■ 57.0021, 59.1453,
65.0118

 23.4213, 42.7885,
20.3051

 64.1113, 62.6734,
71.5303

 72.0316, 66.6111,
78.4658

 76.7008, 68.8643,
85.6344

 78.1075, 69.4270,
93.0418

Harmonies

Analogous

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



36.2240, 47.1431, 25.7583



32.6287, 47.1431, 38.3902



32.0860, 47.1431, 58.6600

Triad

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



32.6287, 47.1431, 38.3902



47.2990, 47.1431, 103.5083



56.7811, 47.1431, 29.2353

Complementary

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



32.6287, 47.1431, 38.3902



34.7264, 24.7560, 32.2278

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.



60.5140, 47.1431, 44.6391



32.6287, 47.1431, 38.3902



54.6512, 47.1431, 89.8898

Square

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



32.6287, 47.1431, 38.3902



40.0267, 47.1431, 100.4568



59.6940, 47.1431, 66.8947



49.9559, 47.1431, 21.5828

Rectangle

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



32.6287, 47.1431, 38.3902



33.4584, 47.1431, 74.6228



59.6940, 47.1431, 66.8947



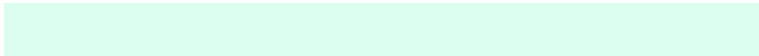
58.4718, 47.1431, 33.4728

Sweetspot

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



32.6300, 47.1450, 38.3913



80.4807, 92.7934, 94.4760



36.2748, 49.4129, 20.9908



16.7948, 19.6487, 19.7721



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.6300, 47.1450, 38.3913



50.9411, 78.3302, 58.5282



36.8854, 48.2535, 62.6304



10.7243, 11.9786, 12.4983



14.7724, 26.9213, 13.0117



0.7359, 1.2893, 0.8081

Inverse Universe

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



34.7264, 24.7560, 32.2278



54.9451, 35.6032, 46.7824



31.8546, 23.8705, 16.2936



10.8420, 10.7202, 12.1512



16.5276, 8.3606, 7.9883



0.8191, 0.4105, 0.5708

Previews

White Background



This preview shows how the XYZ color 32.6287, 47.1431, 38.3902 looks on a white background.

Color Contrast Check

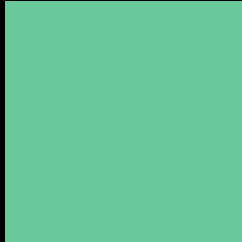
Large Text (above 18pt) WCAG AA × Fail

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 32.6287, 47.1431, 38.3902 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

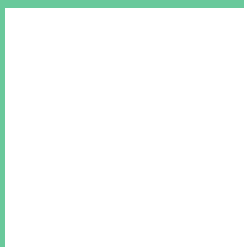
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6287, 47.1431, 38.3902

Background



This preview shows how black text looks on a background with the XYZ color 32.6287, 47.1431, 38.3902.

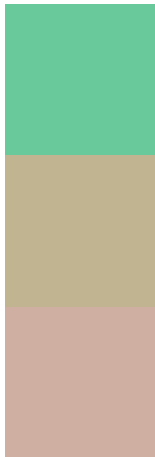


This preview shows how white text looks on a background with the XYZ color 32.6287, 47.1431,

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

32.6287, 47.1431, 38.3902

Protanopia

43.6270, 46.4295, 33.4505

Deuteranopia

47.4951, 46.4986, 40.1901



Tritanopia

38.4082, 47.1090, 67.3902

Trichromacy



Original Color

32.6287, 47.1431, 38.3902



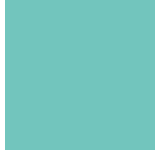
Protanomaly

38.1060, 45.7134, 35.2489



Deuteranomaly

39.9761, 45.3302, 39.4435



Tritanomaly

36.0910, 47.1840, 55.3493

Monochromacy



Original Color

32.6287, 47.1431, 38.3902



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

34.2326, 40.8138, 40.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6287, 47.1431, 38.3902 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(105, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 155)  
}
```

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(105, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.6287, 47.1431, 38.3902 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(105, 201, 155) }
```


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

```
.border{ border-color:rgb(105, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(105, 201,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6287, 47.1431, 38.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 201, 155) }
```

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

```
.background{ background-color: rgb(105,  
201, 155) }
```

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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