

Converting Colors

XYZ(39.9623, 47.3729, 50.9520)

Have a look what the booklet for
XYZ(39.9623, 47.3729, 50.9520)
contains.

XYZ(39.9202, 47.2732, 50.7367)	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(39.9202, 47.2732,
50.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	98BFB5
RGB	152, 191, 181
RGB Percent	60%, 75%, 71%
CMY	0.4039, 0.2510, 0.2902
CMYK	0.20, 0.00, 0.05, 0.25
HSL	165°, 23%, 67%
HSV	165°, 20%, 75%
XYZ	39.9202, 47.2732, 50.7367
YIQ	178.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

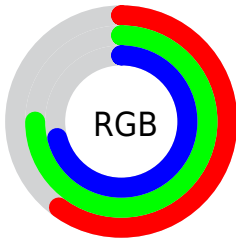
Format	Color
RYB	152, 174, 191
Decimal	10010549
CIELab	74.36, -15.06, 0.75
CIELCh	74, 15.074, 177.164
Yxy	47.2732, 0.2894, 0.3427
Android (android.graphics.Color)	4288200629 (0xFF98BFB5)
YUV	178.1990, 1.3809, -22.9765
Hunter-Lab	68.7555, -16.6831, 4.3770

Details

The XYZ color **39.9202, 47.2732, 50.7367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2374, 36.1427, 39.0927**, and the grayscale version is **42.4238, 44.6332, 48.6055**.

A 20% lighter version of the original color is **74.2790, 85.9014, 92.7865**, and **18.0975, 22.1592, 23.7454** is the 20% darker color. If you saturate the color by 10%, you get **36.1356, 45.3805, 47.9825**, and if you desaturate by 10%, it is **44.3008, 49.4737, 53.6131**.

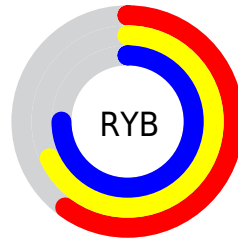
Distribution



Red (60%)

Green (75%)

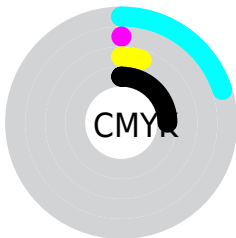
Blue (71%)



Red (60%)

Yellow (68%)

Blue (75%)

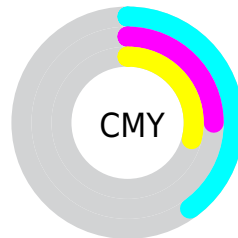


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (25%)



Cyan (40%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9202, 47.2732, 50.7367 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 39.9202, 47.2732, 50.7367 by changing the saturation by 10% instead.

■ 39.9202, 47.2732,
50.7367

■ 39.9202, 47.2732,
50.7367

336.9273,
375.9040, 406.3572

■ 27.6603, 33.2517,
35.6238

■ 74.3271, 86.1213,
92.6730

■ 18.2089, 22.3193,
23.8564

■ 97.2048, 111.7166,
120.3334

■ 11.2006, 14.0917,
15.0159

124.3524,
141.9387, 153.0135

■ 6.2702, 8.1845,
8.6838

156.1353,
177.1719, 191.1318

■ 3.0523, 4.2132,
4.4415

192.9189,
217.8007, 235.1068

■ 1.1815, 1.7935,
1.8706

235.0686,

■ 0.0917, 0.4831,

264.2093, 285.3570

0.4739

282.9496,
316.7823, 342.3009

■ 0.0000, 0.0000,
0.0000

■ 39.9202, 47.2732,
50.7367

■ 39.9202, 47.2732,
50.7367

■ 36.1356, 45.3805,
47.9825

■ 44.3008, 49.4737,
53.6131

■ 32.9154, 43.7755,
45.3450

■ 49.2993, 51.9893,
56.6106

■ 30.2310, 42.4446,
42.8230

■ 54.9413, 54.8346,
59.7323

■ 28.0495, 41.3711,
40.4139

■ 61.2498, 58.0214,
62.9802

■ 26.3346, 40.5361,
38.1152

■ 68.2465, 61.5609,
66.3562

■ 25.0447, 39.9183,
35.9238

■ 71.5535, 63.1961,
69.6562

■ 24.1306, 39.4924,
33.8364

■ 72.1748, 63.4446,
72.9282

■ 23.5156, 39.2169,
31.9288

■ 72.8150, 63.7007,
76.2995

■ 73.4743, 63.9644,
79.7709

Harmonies

Analogous

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



40.6895, 47.2732, 43.7888



39.9202, 47.2732, 50.7367



40.4484, 47.2732, 58.5990

Triad

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



39.9202, 47.2732, 50.7367



47.3557, 47.2732, 65.9421



47.8203, 47.2732, 39.9121

Complementary

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



39.9202, 47.2732, 50.7367



39.2374, 36.1427, 39.0927

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.



49.7348, 47.2732, 44.9485



39.9202, 47.2732, 50.7367



49.4591, 47.2732, 60.0062

Square

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



39.9202, 47.2732, 50.7367



44.6741, 47.2732, 67.8830



50.3461, 47.2732, 52.2153



45.1904, 47.2732, 37.9459

Rectangle

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



39.9202, 47.2732, 50.7367



41.4774, 47.2732, 63.2239



50.3461, 47.2732, 52.2153



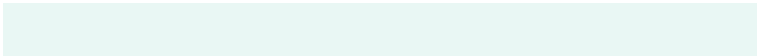
48.5728, 47.2732, 41.2756

Sweetspot

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



39.9215, 47.2752, 50.7378



83.0720, 90.4809, 98.3115



39.2815, 47.2540, 36.7571



18.1137, 19.8043, 21.5107



92.9021, 97.7402, 106.4391



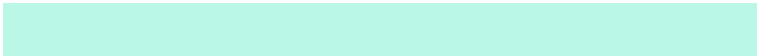
19.4759, 20.4902, 22.3138

Same Dimension

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



39.9215, 47.2752, 50.7378



67.9926, 82.9113, 88.3854



39.0618, 43.8537, 55.6983



9.7012, 10.7666, 11.6761



15.4875, 25.7853, 21.1615



0.6318, 1.0201, 0.9613

Inverse Universe

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



39.2374, 36.1427, 39.0927



66.5241, 58.9851, 63.3668



39.9173, 38.8695, 35.1053



9.6279, 9.5755, 10.4295



14.5126, 7.4362, 2.7270



0.5961, 0.3023, 0.2523

Previews

White Background



This preview shows how the XYZ color 39.9202, 47.2732, 50.7367 looks on a white background.

Color Contrast Check

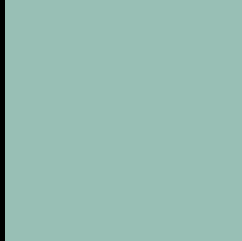
Large Text (above 18pt) WCAG AA × Fail

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 39.9202, 47.2732, 50.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

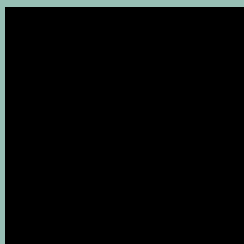
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

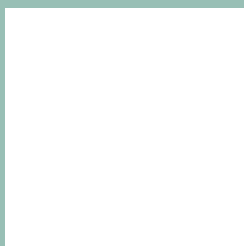
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9202, 47.2732, 50.7367

Background



This preview shows how black text looks on a background with the XYZ color 39.9202, 47.2732, 50.7367.



This preview shows how white text looks on a background with the XYZ color 39.9202, 47.2732,

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

39.9202, 47.2732, 50.7367

Protanopia

45.0579, 47.1553, 47.8014

Deuteranopia

47.9271, 47.0471, 51.9024



Tritanopia

42.4730, 47.3462, 63.4001

Trichromacy



Original Color

39.9202, 47.2732, 50.7367

Protanomaly

42.8404, 46.9109, 48.9163

Deuteranomaly

44.5666, 46.8199, 51.4880

Tritanomaly

41.5655, 47.3039, 58.5696

Monochromacy



Original Color

39.9202, 47.2732, 50.7367

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.4324, 45.5567, 49.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9202, 47.2732, 50.7367 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(152, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(152, 191, 181)  
}
```

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(152, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 191, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.9202, 47.2732, 50.7367 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(152, 191, 181) }
```


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

```
.border{ border-color:rgb(152, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(152, 191,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9202, 47.2732, 50.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 191, 181) }
```

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

```
.background{ background-color: rgb(152,  
191, 181) }
```

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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