

Converting Colors

XYZ(41.7981, 51.6852, 51.1845)

Have a look what the booklet for
XYZ(41.7981, 51.6852, 51.1845)
contains.

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Color

**XYZ(41.7025, 51.5526,
50.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	96C9B4
RGB	150, 201, 180
RGB Percent	59%, 79%, 71%
CMY	0.4118, 0.2117, 0.2941
CMYK	0.25, 0.00, 0.10, 0.21
HSL	155°, 32%, 69%
HSV	155°, 25%, 79%
XYZ	41.7025, 51.5526, 50.9327
YIQ	183.3570, -23.6550, -17.3430

Conversions

Conversions Part 2

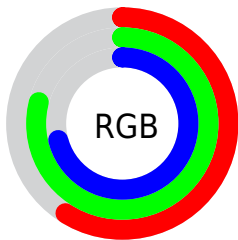
Format	Color
RYB	150, 182, 201
Decimal	9882036
CIELab	77.01, -20.98, 5.11
CIELCh	77, 21.593, 166.304
Yxy	51.5526, 0.2892, 0.3575
Android (android.graphics.Color)	4288072116 (0xFF96C9B4)
YUV	183.3570, -1.6550, -29.2541
Hunter-Lab	71.8001, -21.9750, 8.2017

Details

The XYZ color **41.7025, 51.5526, 50.9327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3462, 37.1717, 43.4731**, and the grayscale version is **45.2250, 47.5802, 51.8148**.

A 20% lighter version of the original color is **76.0772, 90.5553, 92.8261**, and **19.3015, 24.9964, 23.8862** is the 20% darker color. If you saturate the color by 10%, you get **37.4983, 49.4812, 46.4655**, and if you desaturate by 10%, it is **46.5944, 53.9755, 55.6972**.

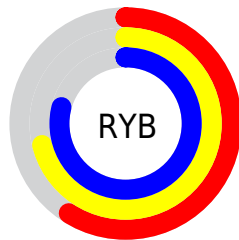
Distribution



Red (59%)

Green (79%)

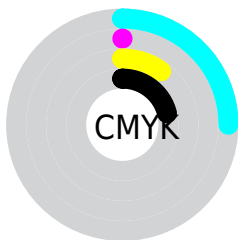
Blue (71%)



Red (59%)

Yellow (71%)

Blue (79%)

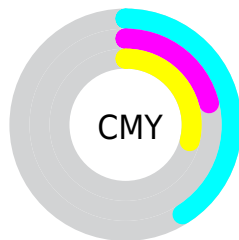


Cyan (25%)

Magenta (0%)

Yellow (10%)

Black (21%)



Cyan (41%)

Magenta (21%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7025, 51.5526, 50.9327 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 41.7025, 51.5526, 50.9327 by changing the saturation by 10% instead.

■ 41.7025, 51.5526,
50.9327

■ 41.7025, 51.5526,
50.9327

344.2608,
392.7070, 407.1413

■ 29.0585, 36.6486,
35.7787

■ 77.0172, 92.4711,
92.9658

■ 19.2696, 24.9355,
23.9750

■ 100.4185,
119.2543, 120.6819

■ 11.9704, 16.0290,
15.1030

128.1364,
150.7661, 153.4225

■ 6.7956, 9.5447,
8.7443

160.5362,
187.3909, 191.6061

■ 3.3798, 5.0981,
4.4803

197.9831,
229.5129, 235.6513

■ 1.3576, 2.3050,
1.8923

240.8427,

■ 0.2257, 0.7763,

277.5167, 285.9765

0.4878

289.4801,
331.7866, 343.0003

■ 0.0000, 0.0000,
0.0000

■ 41.7025, 51.5526,
50.9327

■ 41.7025, 51.5526,
50.9327

■ 37.4983, 49.4812,
46.4655

■ 46.5944, 53.9755,
55.6972

■ 33.9442, 47.7378,
42.2860

■ 52.2006, 56.7593,
60.7614

■ 31.0056, 46.3061,
38.3890

■ 58.5516, 59.9211,
66.1321

■ 28.6427, 45.1657,
34.7678

■ 65.6746, 63.4747,
71.8148

■ 26.8106, 44.2935,
31.4154

■ 73.5955, 67.4335,
77.8148

■ 25.4577, 43.6631,
28.3243

■ 76.3635, 68.7296,
83.8578

■ 24.5206, 43.2419,
25.4863

■ 77.5517, 69.2049,
90.1149

■ 24.1714, 43.0887,
24.2548

■ 78.7959, 69.7025,
96.6664

■ 80.0967, 70.2228,
103.5163

Harmonies

Analogous

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



43.4949, 51.5526, 41.8796



41.7025, 51.5526, 50.9327



41.7863, 51.5526, 62.7412

Triad

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



41.7025, 51.5526, 50.9327



51.2556, 51.5526, 80.8285



54.6748, 51.5526, 41.2821

Complementary

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



41.7025, 51.5526, 50.9327



42.3462, 37.1717, 43.4731

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.



56.9977, 51.5526, 50.0041



41.7025, 51.5526, 50.9327



54.9494, 51.5526, 73.2986

Square

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



41.7025, 51.5526, 50.9327



47.1484, 51.5526, 81.1696



57.1009, 51.5526, 61.6737



50.8978, 51.5526, 36.8584

Rectangle

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



41.7025, 51.5526, 50.9327



42.8917, 51.5526, 70.6557



57.1009, 51.5526, 61.6737



55.6606, 51.5526, 43.7489

Sweetspot

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



41.7039, 51.5547, 50.9339



86.6157, 95.8048, 101.5990



43.2424, 52.6636, 36.7408



18.2199, 20.3475, 21.4607



0.0000, 0.0000, 0.0000



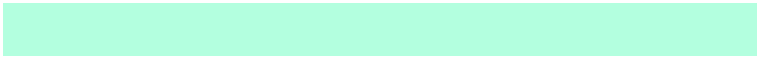
20.3446, 21.4041, 23.3091

Same Dimension

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



41.7039, 51.5547, 50.9339



67.6215, 86.3988, 83.2770



43.0315, 50.5222, 62.7446



10.7548, 11.9908, 12.6588



15.2438, 27.1099, 15.4945



0.7572, 1.2978, 0.9200

Inverse Universe

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



42.3462, 37.1717, 43.4731



68.8932, 57.9534, 68.5293



41.1908, 37.8145, 33.9828



10.8119, 10.7082, 11.9929



16.1645, 8.2154, 6.0762



0.8012, 0.4033, 0.4765

Previews

White Background



This preview shows how the XYZ color 41.7025, 51.5526, 50.9327 looks on a white background.

Color Contrast Check

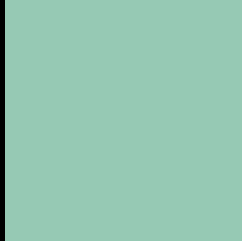
Large Text (above 18pt) WCAG AA × Fail

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 41.7025, 51.5526, 50.9327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

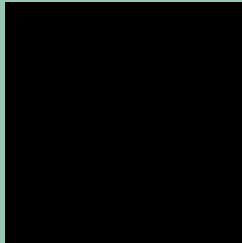
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7025, 51.5526, 50.9327

Background



This preview shows how black text looks on a background with the XYZ color 41.7025, 51.5526, 50.9327.

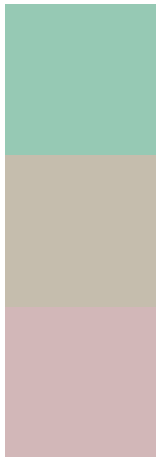


This preview shows how white text looks on a background with the XYZ color 41.7025, 51.5526,

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

41.7025, 51.5526, 50.9327

Protanopia

48.7664, 51.2826, 46.8634

Deuteranopia

52.1636, 51.0293, 52.4477



Tritanopia

45.3339, 51.3012, 69.8001

Trichromacy



Original Color

41.7025, 51.5526, 50.9327

Protanomaly

45.7288, 50.9778, 48.5038

Deuteranomaly

47.6997, 50.9372, 52.1176

Tritanomaly

43.9458, 51.4283, 62.2540

Monochromacy



Original Color

41.7025, 51.5526, 50.9327

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.6515, 48.8622, 51.3866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7025, 51.5526, 50.9327 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(150, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(150, 201, 180)  
}
```

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(150, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 201, 180) }
```

Border

The CSS property to change the border of an element to XYZ 41.7025, 51.5526, 50.9327 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(150, 201, 180) }
```


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

```
.border{ border-color:rgb(150, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(150, 201,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7025, 51.5526, 50.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 201, 180) }
```

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

```
.background{ background-color: rgb(150,  
201, 180) }
```

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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