

Converting Colors

XYZ(42.1990, 52.4882, 51.6643)

Have a look what the booklet for
XYZ(42.1990, 52.4882, 51.6643)
contains.

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Color

**XYZ(42.2741, 52.5321,
51.6277)**

Conversions

Conversions Part 1

Format	Color
Hex	96CBB5
RGB	150, 203, 181
RGB Percent	59%, 80%, 71%
CMY	0.4118, 0.2039, 0.2902
CMYK	0.26, 0.00, 0.11, 0.20
HSL	155°, 34%, 69%
HSV	155°, 26%, 80%
XYZ	42.2741, 52.5321, 51.6277
YIQ	184.6450, -24.5260, -18.0780

Conversions

Conversions Part 2

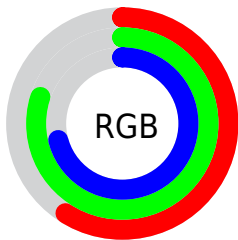
Format	Color
RYB	150, 183, 203
Decimal	9882549
CIELab	77.60, -21.77, 5.42
CIELCh	78, 22.439, 166.025
Yxy	52.5321, 0.2887, 0.3587
Android (android.graphics.Color)	4288072629 (0xFF96CBB5)
YUV	184.6450, -1.7970, -30.3837
Hunter-Lab	72.4790, -22.7264, 8.5023

Details

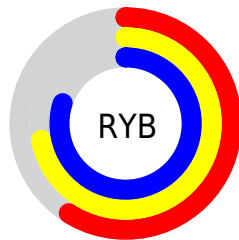
The XYZ color **42.2741, 52.5321, 51.6277** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9832, 37.4891, 44.0026**, and the grayscale version is **45.9375, 48.3298, 52.6312**.

A 20% lighter version of the original color is **76.2229, 90.6136, 93.5936**, and **19.6807, 25.6501, 24.3358** is the 20% darker color. If you saturate the color by 10%, you get **38.0188, 50.4367, 47.0510**, and if you desaturate by 10%, it is **47.2318, 54.9864, 56.5125**.

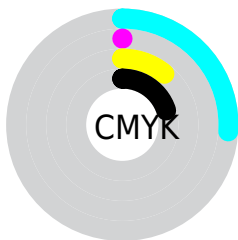
Distribution



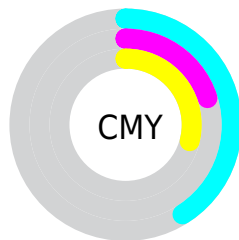
- Red (59%)
- Green (80%)
- Blue (71%)



- Red (59%)
- Yellow (72%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2741, 52.5321, 51.6277 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 42.2741, 52.5321, 51.6277 by changing the saturation by 10% instead.

■ 42.2741, 52.5321,
51.6277

■ 42.2741, 52.5321,
51.6277

346.5903,
396.4874, 409.9136

■ 29.5080, 37.4294,
36.3282

■ 77.8769, 93.9155,
94.0029

■ 19.6117, 25.5401,
24.3961

■ 101.4443,
120.9650, 121.9157

■ 12.2197, 16.4799,
15.4128

129.3428,
152.7655, 154.8701

■ 6.9668, 9.8644,
8.9598

161.9379,
189.7014, 193.2845

■ 3.4875, 5.3091,
4.6185

199.5948,
232.1572, 237.5775

■ 1.4165, 2.4298,
1.9704

242.6789,

■ 0.2679, 0.8411,

280.5172, 288.1677

0.5370

291.5556,
335.1658, 345.4735

■ 0.0000, 0.0000,
0.0000

■ 42.2741, 52.5321,
51.6277

■ 42.2741, 52.5321,
51.6277

■ 38.0188, 50.4367,
47.0510

■ 47.2318, 54.9864,
56.5125

■ 34.4272, 48.6762,
42.7726

■ 52.9194, 57.8093,
61.7082

■ 31.4634, 47.2335,
38.7870

■ 59.3681, 61.0184,
67.2217

■ 29.0865, 46.0875,
35.0872

■ 66.6061, 64.6280,
73.0589

■ 27.2499, 45.2146,
31.6657

■ 74.6602, 68.6519,
79.2254

■ 25.9000, 44.5870,
28.5148

■ 77.1006, 69.7753,
85.4245

■ 24.9693, 44.1702,
25.6257

■ 78.3239, 70.2646,
91.8661

■ 24.6706, 44.0393,
24.5687

■ 79.6053, 70.7772,
98.6139

■ 80.6469, 71.1938,
104.0990

Harmonies

Analogous

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



44.1715, 52.5321, 42.1796



42.2741, 52.5321, 51.6277



42.3432, 52.5321, 64.0412

Triad

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



42.2741, 52.5321, 51.6277



52.2655, 52.5321, 83.3326



55.9412, 52.5321, 41.6888

Complementary

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



42.2741, 52.5321, 51.6277



42.9832, 37.4891, 44.0026

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.



58.3733, 52.5321, 50.8615



42.2741, 52.5321, 51.6277



56.1688, 52.5321, 75.4165

Square

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



42.2741, 52.5321, 51.6277



47.9451, 52.5321, 83.6168



58.4590, 52.5321, 63.1563



51.9693, 52.5321, 37.0285

Rectangle

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



42.2741, 52.5321, 51.6277



43.4908, 52.5321, 72.4103



58.4590, 52.5321, 63.1563



56.9757, 52.5321, 44.2820

Sweetspot

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



42.2756, 52.5343, 51.6289



86.6053, 95.8007, 101.5439



43.8942, 53.6963, 36.9059



18.2172, 20.3464, 21.4468



0.0000, 0.0000, 0.0000



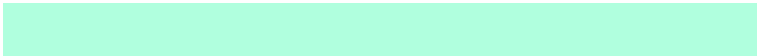
20.3446, 21.4041, 23.3091

Same Dimension

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



42.2756, 52.5343, 51.6289



66.8628, 86.0281, 82.3180



43.6866, 51.4534, 64.1314



11.3386, 12.6452, 13.3405



15.7458, 28.0436, 15.8785



0.8496, 1.4616, 1.0153

Inverse Universe

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



42.9832, 37.4891, 44.0026



68.2351, 56.8829, 67.5526



41.7597, 38.1488, 34.0174



11.4022, 11.2896, 12.6528



16.7417, 8.5073, 6.3585



0.9012, 0.4539, 0.5256

Previews

White Background



This preview shows how the XYZ color 42.2741, 52.5321, 51.6277 looks on a white background.

Color Contrast Check

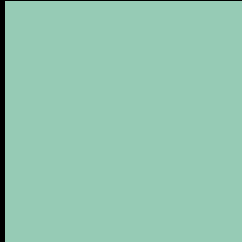
Large Text (above 18pt) WCAG AA × Fail

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 42.2741, 52.5321, 51.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

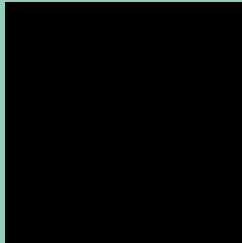
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2741, 52.5321, 51.6277

Background



This preview shows how black text looks on a background with the XYZ color 42.2741, 52.5321, 51.6277.

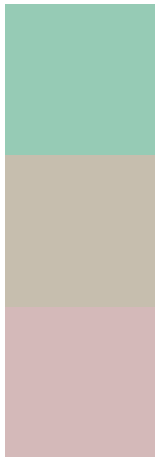


This preview shows how white text looks on a background with the XYZ color 42.2741, 52.5321,

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

42.2741, 52.5321, 51.6277

Protanopia

49.3421, 51.8887, 47.4593

Deuteranopia

53.2573, 52.1978, 53.1672



Tritanopia

46.2363, 52.4113, 71.2978

Trichromacy



Original Color

42.2741, 52.5321, 51.6277

Protanomaly

46.5070, 52.0283, 49.1863

Deuteranomaly

48.4876, 51.9788, 52.8247

Tritanomaly

44.6414, 52.4428, 63.6467

Monochromacy



Original Color

42.2741, 52.5321, 51.6277

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.5146, 49.9306, 52.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2741, 52.5321, 51.6277 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, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(150, 203, 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(150, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 203, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.2741, 52.5321, 51.6277 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, 203, 181) }
```


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

```
.border{ border-color:rgb(150, 203, 181) }
```

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

Here you see how a box with a 4 pixel rgb(150, 203, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(150, 203,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2741, 52.5321, 51.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 203, 181) }
```

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

```
.background{ background-color: rgb(150,  
203, 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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