

Converting Colors

XYZ(51.6632, 60.9920, 52.7658)

Have a look what the booklet for
XYZ(51.6632, 60.9920, 52.7658)
contains.

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Color

**XYZ(51.6632, 60.9920,
52.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D5B5
RGB	183, 213, 181
RGB Percent	72%, 84%, 71%
CMY	0.2823, 0.1647, 0.2902
CMYK	0.14, 0.00, 0.15, 0.16
HSL	116°, 28%, 77%
HSV	116°, 15%, 84%
XYZ	51.6632, 60.9920, 52.7658
YIQ	200.3820, -7.6080, -16.3120

Conversions

Conversions Part 2

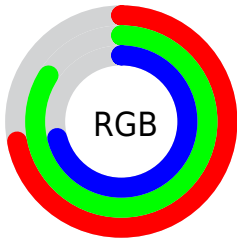
Format	Color
RYB	181, 213, 211
Decimal	12047797
CIELab	82.37, -15.97, 12.52
CIElCh	82, 20.294, 141.919
Yxy	60.9920, 0.3123, 0.3687
Android (android.graphics.Color)	4290237877 (0xFFB7D5B5)
YUV	200.3820, -9.5553, -15.2440
Hunter-Lab	78.0974, -18.5886, 14.6094

Details

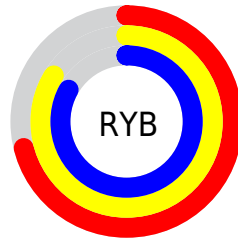
The XYZ color **51.6632, 60.9920, 52.7658** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.4006, 51.7025, 70.0136**, and the grayscale version is **55.1971, 58.0716, 63.2400**.

A 20% lighter version of the original color is **86.6427, 95.9851, 94.0812**, and **25.3291, 30.7581, 25.0240** is the 20% darker color. If you saturate the color by 10%, you get **45.2252, 57.9084, 41.9147**, and if you desaturate by 10%, it is **59.1126, 64.5619, 65.4111**.

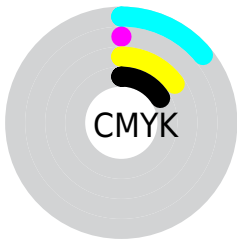
Distribution



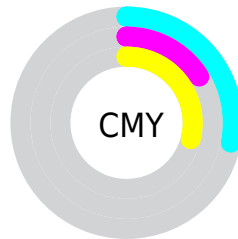
- Red (72%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (83%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6632, 60.9920, 52.7658 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 51.6632, 60.9920, 52.7658 by changing the saturation by 10% instead.

■ 51.6632, 60.9920,
52.7658

■ 51.6632, 60.9920,
52.7658

383.4803,
428.2447, 414.4267

■ 36.9599, 44.2187,
37.2294

■ 91.8115, 106.2674,
95.6977

■ 25.3500, 30.8425,
25.0880

117.9872,
135.5382, 123.9303

■ 16.4681, 20.4789,
15.9230

148.7177,
169.7437, 157.2320

■ 9.9489, 12.7437,
9.3159

184.3685,
209.2682, 196.0214

■ 5.4271, 7.2523,
4.8482

225.3047,
254.4962, 240.7171

■ 2.5373, 3.6204,
2.1013

271.8919,

■ 0.9141, 1.4636,

305.8120, 291.7375

0.6165

324.4953,
363.6000, 349.5012

■ 0.0000, 0.2629,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.6632, 60.9920,
52.7658

■ 51.6632, 60.9920,
52.7658

■ 45.2252, 57.9084,
41.9147

■ 59.1126, 64.5619,
65.4111

■ 39.7504, 55.2827,
32.7728

■ 67.6093, 68.6297,
79.9223

■ 35.1938, 53.0954,
25.2541

■ 77.1933, 73.2163,
96.3724

■ 31.5051, 51.3226,
19.2638

■ 83.0855, 76.0709,
104.9118

■ 28.6291, 49.9380,
14.6972

■ 26.5042, 48.9126,
11.4364

■ 25.0600, 48.2129,
9.3445

■ 24.2125, 47.7992,
8.2546

■ 23.9660, 47.6788,
7.9398

Harmonies

Analogous

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



54.9192, 60.9920, 46.6595



51.6632, 60.9920, 52.7658



50.1147, 60.9920, 63.1149

Triad

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



51.6632, 60.9920, 52.7658



56.8088, 60.9920, 92.9167



66.0406, 60.9920, 57.9032

Complementary

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



51.6632, 60.9920, 52.7658



55.4006, 51.7025, 70.0136

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.



66.6084, 60.9920, 69.8177



51.6632, 60.9920, 52.7658



61.1339, 60.9920, 91.0697

Square

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



51.6632, 60.9920, 52.7658



52.9875, 60.9920, 86.9957



64.7725, 60.9920, 82.2240



63.2578, 60.9920, 49.3583

Rectangle

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



51.6632, 60.9920, 52.7658



50.2026, 60.9920, 71.4555



64.7725, 60.9920, 82.2240



66.5023, 60.9920, 61.6076

Sweetspot

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



51.6649, 60.9946, 52.7671



88.8028, 97.0088, 98.2456



59.0449, 64.0077, 52.9598



18.8265, 20.6772, 20.7204



0.0000, 0.0000, 0.0000



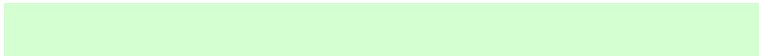
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6649, 60.9946, 52.7671



74.4231, 90.1206, 73.8590



52.6875, 61.3491, 60.6172



12.3335, 13.9326, 13.1999



14.6683, 29.1381, 4.8511



0.9106, 1.7708, 0.2938

Inverse Universe

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



55.4006, 51.7025, 70.0136



81.0679, 73.5902, 104.5393



54.2909, 51.3252, 61.1615



12.8729, 12.5914, 15.6894



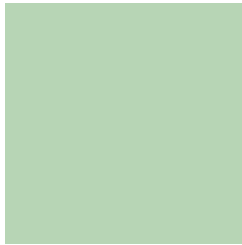
21.8688, 10.4263, 39.3130



1.3427, 0.6411, 2.3723

Previews

White Background



This preview shows how the XYZ color 51.6632, 60.9920, 52.7658 looks on a white background.

Color Contrast Check

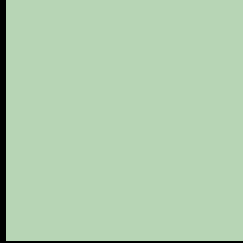
Large Text (above 18pt) WCAG AA × Fail

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 51.6632, 60.9920, 52.7658 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

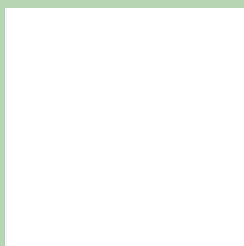
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6632, 60.9920, 52.7658

Background



This preview shows how black text looks on a background with the XYZ color 51.6632, 60.9920, 52.7658.



This preview shows how white text looks on a background with the XYZ color 51.6632, 60.9920,

52.7658.

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

51.6632, 60.9920, 52.7658

Protanopia

57.4537, 60.7674, 49.7754

Deuteranopia

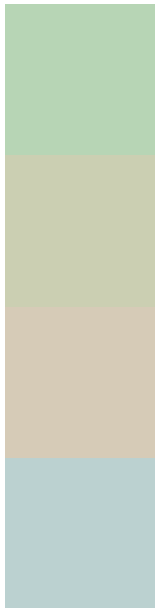
61.8967, 60.5490, 53.7722



Tritanopia

56.8673, 60.9005, 78.5698

Trichromacy



Original Color

51.6632, 60.9920, 52.7658

Protanomaly

54.9773, 60.5365, 50.9066

Deuteranomaly

57.6347, 60.4269, 53.4256

Tritanomaly

54.6791, 60.7198, 68.5127

Monochromacy



Original Color

51.6632, 60.9920, 52.7658

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.7051, 58.9822, 59.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6632, 60.9920, 52.7658 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(183, 213, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 213, 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(183, 213, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 213, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.6632, 60.9920, 52.7658 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(183, 213, 181) }
```


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

```
.border{ border-color:rgb(183, 213, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 213, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 213, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 213, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 213,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6632, 60.9920, 52.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 213, 181) }
```

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

```
.background{ background-color: rgb(183,  
213, 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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