

Converting Colors

XYZ(51.4441, 52.7318, 62.2151)

Have a look what the booklet for
XYZ(51.4441, 52.7318, 62.2151)
contains.

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Color

**XYZ(51.3445, 52.5991,
62.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BEC8
RGB	195, 190, 200
RGB Percent	76%, 75%, 78%
CMY	0.2353, 0.2549, 0.2157
CMYK	0.02, 0.05, 0.00, 0.22
HSL	270°, 8%, 76%
HSV	270°, 5%, 78%
XYZ	51.3445, 52.5991, 62.0901
YIQ	192.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

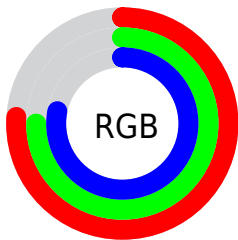
Format	Color
R _Y B	195, 190, 200
Decimal	12828360
CIE Lab	77.64, 3.60, -4.41
CIE LCh	78, 5.692, 309.267
Yxy	52.5991, 0.3092, 0.3168
Android (android.graphics.Color)	4291018440 (0xFFC3BEC8)
YUV	192.6350, 3.6309, 2.0741
Hunter-Lab	72.5252, -0.5495, 0.0085

Details

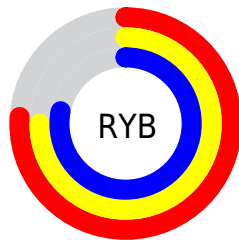
The XYZ color **51.3445, 52.5991, 62.0901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4561, 56.6297, 56.8836**, and the grayscale version is **50.4551, 53.0827, 57.8071**.

A 20% lighter version of the original color is **91.1507, 93.8270, 107.9140**, and **25.1185, 25.6294, 30.8172** is the 20% darker color. If you saturate the color by 10%, you get **44.8084, 43.2355, 60.6280**, and if you desaturate by 10%, it is **58.6512, 63.2453, 63.7607**.

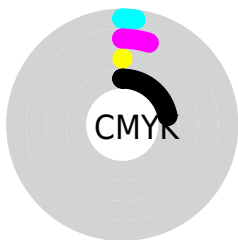
Distribution



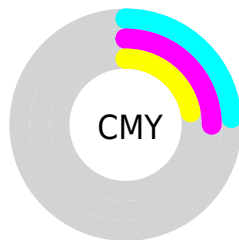
- Red (76%)
- Green (75%)
- Blue (78%)



- Red (76%)
- Yellow (75%)
- Blue (78%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3445, 52.5991, 62.0901 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 51.3445, 52.5991, 62.0901 by changing the saturation by 10% instead.

■ 51.3445, 52.5991,
62.0901

■ 51.3445, 52.5991,
62.0901

382.2664,
396.7451, 450.2764

■ 36.7050, 37.4828,
44.6692

■ 91.3438, 94.0142,
109.4286

■ 25.1518, 25.5815,
30.8559

117.4342,
121.0818, 140.1833

■ 16.3195, 16.5109,
20.2316

148.0724,
152.9020, 176.2198

■ 9.8428, 9.8864,
12.3778

183.6237,
189.8591, 217.9564

■ 5.3563, 5.3237,
6.8759

224.4533,
232.3376, 265.8119

■ 2.4947, 2.4384,
3.3073

270.9268,

■ 0.8926, 0.8455,

280.7218, 320.2047

1.2536

323.4094,
335.3962, 381.5533

■ 0.0000, 0.0000,
0.0233

■ 0.0000, 0.0000,
0.0000

■ 51.3445, 52.5991,
62.0901

■ 51.3445, 52.5991,
62.0901

■ 44.8084, 43.2355,
60.6280

■ 58.6512, 63.2453,
63.7607

■ 39.0110, 35.0978,
59.3629

■ 66.7498, 75.2145,
65.6442

■ 33.9246, 28.1353,
58.2870

■ 75.6667, 88.5534,
67.7489

■ 29.5179, 22.2907,
57.3912

■ 80.4501, 93.3543,
68.4234

■ 25.7572, 17.5020,
56.6651

■ 83.8464, 95.1051,
68.5823

■ 22.6055, 13.7008,
56.0975

■ 87.4255, 96.9502,
68.7498

■ 20.0215, 10.8105,
55.6758

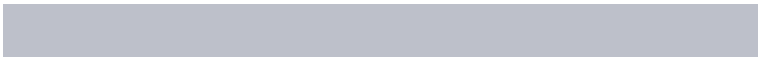
■ 17.9578, 8.7426,
55.3854

■ 16.3574, 7.3894,
55.2086

Harmonies

Analogous

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



50.3352, 52.5991, 63.4600



51.3445, 52.5991, 62.0901



51.9981, 52.5991, 59.4426

Triad

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



51.3445, 52.5991, 62.0901



50.7463, 52.5991, 51.7913



47.9354, 52.5991, 58.2525

Complementary

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



51.3445, 52.5991, 62.0901



52.4561, 56.6297, 56.8836

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.



48.0418, 52.5991, 55.1538



51.3445, 52.5991, 62.0901



49.6540, 52.5991, 51.4990

Square

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



51.3445, 52.5991, 62.0901



51.6492, 52.5991, 53.5226



48.6671, 52.5991, 52.7088



48.3743, 52.5991, 61.1915

Rectangle

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



51.3445, 52.5991, 62.0901



52.1386, 52.5991, 57.3490



48.6671, 52.5991, 52.7088



47.9087, 52.5991, 57.1940

Sweetspot

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



51.3460, 52.6014, 62.0912



93.7743, 98.1427, 108.6087



51.2149, 54.2241, 62.4114



20.0850, 21.0262, 23.2498



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.



51.3460, 52.6014, 62.0912



87.6025, 89.2012, 107.2081



52.6152, 53.2556, 62.1506



10.9639, 11.1338, 13.4887



10.0722, 4.4266, 35.0679



0.5605, 0.2527, 1.6644

Inverse Universe

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



52.0850, 53.0487, 59.1264



89.1547, 90.1408, 100.9805



51.2273, 55.9963, 56.8261



11.1744, 11.2612, 12.6438



16.6538, 8.4111, 8.6526



0.8251, 0.4129, 0.6022

Previews

White Background



This preview shows how the XYZ color 51.3445, 52.5991, 62.0901 looks on a white background.

Color Contrast Check

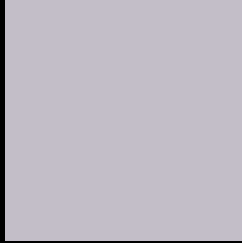
Large Text (above 18pt) WCAG AA × Fail

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 51.3445, 52.5991, 62.0901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

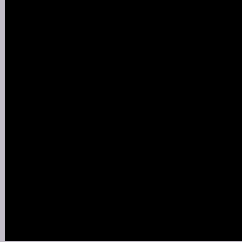
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3445, 52.5991, 62.0901

Background



This preview shows how black text looks on a background with the XYZ color 51.3445, 52.5991, 62.0901.

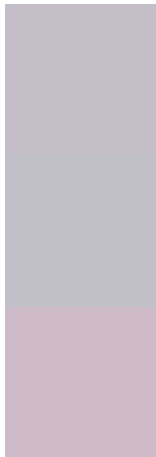


This preview shows how white text looks on a background with the XYZ color 51.3445, 52.5991,

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

51.3445, 52.5991, 62.0901

Protanopia

51.0484, 52.7692, 62.1385

Deuteranopia

53.5551, 52.4567, 62.5608



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

51.3445, 52.5991, 62.0901

Protanomaly

51.3043, 52.9011, 62.1505

Deuteranomaly

52.6701, 52.3143, 62.5800

Tritanomaly

51.7420, 52.4428, 63.8953

Monochromacy



Original Color

51.3445, 52.5991, 62.0901

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0616, 53.1541, 59.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3445, 52.5991, 62.0901 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(195, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 200)  
}
```

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(195, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.3445, 52.5991, 62.0901 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(195, 190, 200) }
```


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

```
.border{ border-color:rgb(195, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3445, 52.5991, 62.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 200) }
```

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

```
.background{ background-color: rgb(195,  
190, 200) }
```

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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