

Converting Colors

XYZ(51.5267, 53.3866, 62.0389)

Have a look what the booklet for
XYZ(51.5267, 53.3866, 62.0389)
contains.

XYZ(51.5231, 53.3387, 62.2234)	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(51.5231, 53.3387,
62.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C0C8
RGB	194, 192, 200
RGB Percent	76%, 75%, 78%
CMY	0.2392, 0.2470, 0.2157
CMYK	0.03, 0.04, 0.00, 0.22
HSL	255°, 7%, 77%
HSV	255°, 4%, 78%
XYZ	51.5231, 53.3387, 62.2234
YIQ	193.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

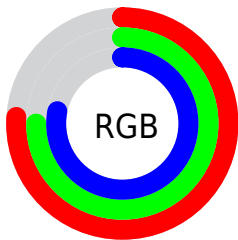
Format	Color
RYB	194, 192, 200
Decimal	12763336
CIELab	78.07, 2.19, -3.77
CIELCh	78, 4.362, 300.152
Yxy	53.3387, 0.3084, 0.3192
Android (android.graphics.Color)	4290953416 (0xFFC2C0C8)
YUV	193.5100, 3.1996, 0.4297
Hunter-Lab	73.0333, -1.8813, 0.6091

Details

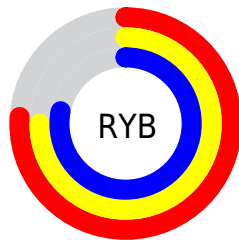
The XYZ color **51.5231, 53.3387, 62.2234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4593, 57.1215, 58.0797**, and the grayscale version is **50.9724, 53.6269, 58.3997**.

A 20% lighter version of the original color is **91.0417, 94.6788, 108.0842**, and **25.2361, 26.1160, 30.9049** is the 20% darker color. If you saturate the color by 10%, you get **43.7683, 43.2601, 60.6876**, and if you desaturate by 10%, it is **60.2666, 64.8158, 63.9787**.

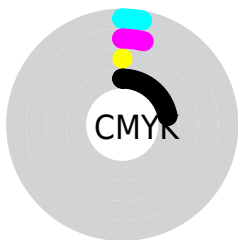
Distribution



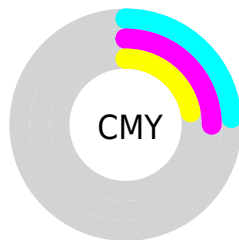
- Red (76%)
- Green (75%)
- Blue (78%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5231, 53.3387, 62.2234 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 51.5231, 53.3387, 62.2234 by changing the saturation by 10% instead.

■ 51.5231, 53.3387,
62.2234

■ 51.5231, 53.3387,
62.2234

382.9470,
399.5832, 450.7756

■ 36.8478, 38.0732,
44.7763

■ 91.6059, 95.1026,
109.6231

■ 25.2628, 26.0395,
30.9396

117.7442,
122.3698, 140.4127

■ 16.4027, 16.8532,
20.2948

148.4342,
154.4063, 176.4869

■ 9.9022, 10.1299,
12.4233

184.0412,
191.5966, 218.2642

■ 5.3960, 5.4852,
6.9066

224.9306,
234.3251, 266.1632

■ 2.5185, 2.5346,
3.3262

271.4678,

■ 0.9046, 0.8939,

282.9760, 320.6025

1.2635

324.0182,
337.9340, 382.0004

■ 0.0000, 0.0000,
0.0316

■ 0.0000, 0.0000,
0.0000

■ 51.5231, 53.3387,
62.2234

■ 51.5231, 53.3387,
62.2234

■ 43.7683, 43.2601,
60.6876

■ 60.2666, 64.8158,
63.9787

■ 36.9623, 34.5196,
59.3592

■ 70.0277, 77.7354,
65.9579

■ 31.0690, 27.0620,
58.2303

■ 80.8400, 92.1479,
68.1700

■ 26.0484, 20.8261,
57.2913

■ 87.0670, 96.7654,
68.7330

■ 21.8572, 15.7453,
56.5315

■ 87.4255, 96.9502,
68.7498

■ 18.4484, 11.7466,
55.9394

■ 15.7700, 8.7485,
55.5018

■ 13.7629, 6.6576,
55.2040

■ 12.3578, 5.3616,
55.0279

Harmonies

Analogous

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



50.7012, 53.3387, 62.8896



51.5231, 53.3387, 62.2234



52.1292, 53.3387, 60.4402

Triad

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



51.5231, 53.3387, 62.2234



51.5155, 53.3387, 54.1067



49.0783, 53.3387, 58.0892

Complementary

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



51.5231, 53.3387, 62.2234



53.4593, 57.1215, 58.0797

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.



49.2910, 53.3387, 55.7758



51.5231, 53.3387, 62.2234



50.6925, 53.3387, 53.5160

Square

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



51.5231, 53.3387, 62.2234



52.1248, 53.3387, 55.7548



49.8794, 53.3387, 54.1186



49.2952, 53.3387, 60.4623

Rectangle

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



51.5231, 53.3387, 62.2234



52.3260, 53.3387, 58.8819



49.8794, 53.3387, 54.1186



49.1019, 53.3387, 57.2791

Sweetspot

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



51.5246, 53.3410, 62.2246



93.5415, 98.0227, 108.5979



52.3899, 55.8273, 62.6589



20.0376, 21.0017, 23.2476



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.



51.5246, 53.3410, 62.2246



87.6844, 90.3638, 107.4282



52.5302, 53.8594, 62.2716



10.9471, 11.2547, 13.5129



7.5336, 3.1179, 34.9491



0.4255, 0.1831, 1.6581

Inverse Universe

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



52.8639, 54.0582, 61.0767



90.6081, 91.9298, 104.9112



52.4528, 56.6026, 58.0326



11.3545, 11.4729, 13.1614



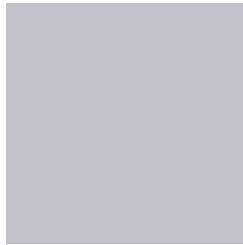
18.6856, 9.2238, 19.3523



0.9125, 0.4478, 1.0622

Previews

White Background



This preview shows how the XYZ color 51.5231, 53.3387, 62.2234 looks on a white background.

Color Contrast Check

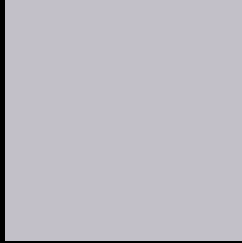
Large Text (above 18pt) WCAG AA × Fail

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 51.5231, 53.3387, 62.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

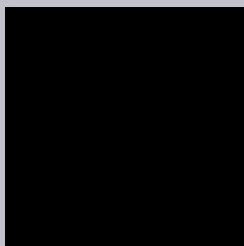
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

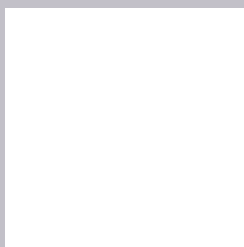
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5231, 53.3387, 62.2234

Background



This preview shows how black text looks on a background with the XYZ color 51.5231, 53.3387, 62.2234.

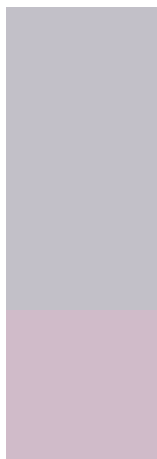


This preview shows how white text looks on a background with the XYZ color 51.5231, 53.3387,

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

51.5231, 53.3387, 62.2234

Protanopia

51.5231, 53.3387, 62.2234

Deuteranopia

54.3254, 53.1676, 62.6575



Tritanopia

52.2771, 53.3199, 65.9290

Trichromacy



Original Color

51.5231, 53.3387, 62.2234

Protanomaly

51.5231, 53.3387, 62.2234

Deuteranomaly

53.3688, 53.3087, 62.7351

Tritanomaly

52.0356, 53.2233, 64.6573

Monochromacy



Original Color

51.5231, 53.3387, 62.2234

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2819, 53.5948, 59.8665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5231, 53.3387, 62.2234 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(194, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 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(194, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.5231, 53.3387, 62.2234 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(194, 192, 200) }
```


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

```
.border{ border-color:rgb(194, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5231, 53.3387, 62.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 200) }
```

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

```
.background{ background-color: rgb(194,  
192, 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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