

Converting Colors

XYZ(50.7584, 52.0730, 62.9121)

Have a look what the booklet for
XYZ(50.7584, 52.0730, 62.9121)
contains.

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Color

**XYZ(50.7325, 51.9497,
62.6117)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BDC9
RGB	193, 189, 201
RGB Percent	76%, 74%, 79%
CMY	0.2431, 0.2588, 0.2118
CMYK	0.04, 0.06, 0.00, 0.21
HSL	260°, 10%, 76%
HSV	260°, 6%, 79%
XYZ	50.7325, 51.9497, 62.6117
YIQ	191.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

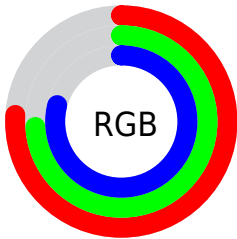
Format	Color
R _Y B	193, 189, 201
Decimal	12697033
CIE Lab	77.25, 3.65, -5.54
CIE LCh	77, 6.629, 303.365
Yxy	51.9497, 0.3069, 0.3143
Android (android.graphics.Color)	4290887113 (0xFFC1BDC9)
YUV	191.5640, 4.6519, 1.2594
Hunter-Lab	72.0761, -0.4918, -1.0512

Details

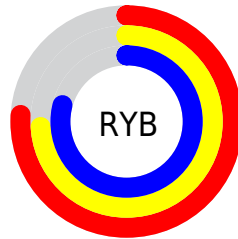
The XYZ color **50.7325, 51.9497, 62.6117** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0999, 57.3191, 56.4118**, and the grayscale version is **49.8245, 52.4193, 57.0846**.

A 20% lighter version of the original color is **89.7693, 92.6646, 107.7624**, and **24.7181, 25.2039, 31.1658** is the 20% darker color. If you saturate the color by 10%, you get **43.4418, 42.2126, 61.1173**, and if you desaturate by 10%, it is **58.9351, 63.0493, 64.3226**.

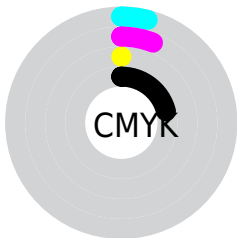
Distribution



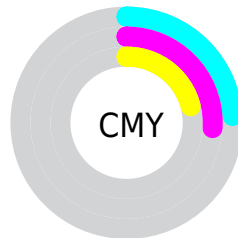
- Red (76%)
- Green (74%)
- Blue (79%)



- Red (76%)
- Yellow (74%)
- Blue (79%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7325, 51.9497, 62.6117 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 50.7325, 51.9497, 62.6117 by changing the saturation by 10% instead.

■ 50.7325, 51.9497,
62.6117

■ 50.7325, 51.9497,
62.6117

379.9284,
394.2424, 452.2280

■ 36.2159, 36.9650,
45.0882

■ 90.4446, 93.0571,
110.1893

■ 24.7719, 25.1804,
31.1834

116.3708,
119.9485, 141.0804

■ 16.0350, 16.2115,
20.4789

146.8310,
151.5776, 177.2645

■ 9.6399, 9.6739,
12.5561

182.1905,
188.3288, 219.1600

■ 5.2213, 5.1833,
6.9965

222.8146,
230.5865, 267.1856

■ 2.4138, 2.3552,
3.3815

269.0687,

■ 0.8520, 0.8027,

278.7351, 321.7598

1.2926

321.3182,
333.1589, 383.3011

■ 0.0000, 0.0000,
0.0557

■ 0.0000, 0.0000,
0.0000

■ 50.7325, 51.9497,
62.6117

■ 50.7325, 51.9497,
62.6117

■ 43.4418, 42.2126,
61.1173

■ 58.9351, 63.0493,
64.3226

■ 37.0259, 33.7781,
59.8274

■ 68.0761, 75.5550,
66.2547

■ 31.4514, 26.5917,
58.7341

■ 78.1864, 89.5166,
68.4166

■ 26.6814, 20.5924,
57.8276

■ 84.5253, 95.4415,
69.2262

■ 22.6757, 15.7139,
57.0970

■ 87.5428, 96.9971,
69.3674

■ 19.3904, 11.8832,
56.5308

■ 16.7770, 9.0185,
56.1156

■ 14.7796, 7.0249,
55.8361

■ 13.3307, 5.7849,
55.6731

Harmonies

Analogous

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



49.5202, 51.9497, 63.8407



50.7325, 51.9497, 62.6117



51.5929, 51.9497, 59.7595

Triad

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



50.7325, 51.9497, 62.6117



50.4800, 51.9497, 50.5377



46.9776, 51.9497, 56.9761

Complementary

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



50.7325, 51.9497, 62.6117



53.0999, 57.3191, 56.4118

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.



47.2248, 51.9497, 53.4852



50.7325, 51.9497, 62.6117



49.2334, 51.9497, 49.8631

Square

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



50.7325, 51.9497, 62.6117



51.4453, 51.9497, 52.8029



48.0451, 51.9497, 50.9196



47.3641, 51.9497, 60.5004

Rectangle

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



50.7325, 51.9497, 62.6117



51.8434, 51.9497, 57.3767



48.0451, 51.9497, 50.9196



46.9894, 51.9497, 55.7598

Sweetspot

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



50.7340, 51.9519, 62.6128



92.2044, 96.1498, 108.3068



51.5424, 55.0609, 63.1703



19.7654, 20.6203, 23.1883



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.



50.7340, 51.9519, 62.6128



85.3732, 86.9472, 106.8906



52.2420, 52.7293, 62.6834



10.6881, 10.8637, 13.4511



8.1701, 3.4461, 34.9789



0.4640, 0.2029, 1.6599

Inverse Universe

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



52.3649, 52.8463, 60.2664



88.6748, 88.7581, 102.1244



51.6099, 56.5510, 56.3420



11.1267, 11.1043, 12.8172



17.8964, 8.9081, 15.1960



0.8800, 0.4348, 0.8912

Previews

White Background



This preview shows how the XYZ color 50.7325, 51.9497, 62.6117 looks on a white background.

Color Contrast Check

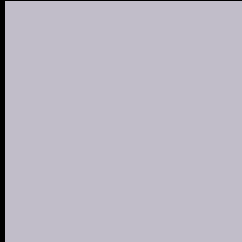
Large Text (above 18pt) WCAG AA × Fail

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 50.7325, 51.9497, 62.6117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

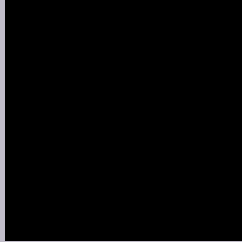
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7325, 51.9497, 62.6117

Background



This preview shows how black text looks on a background with the XYZ color 50.7325, 51.9497, 62.6117.

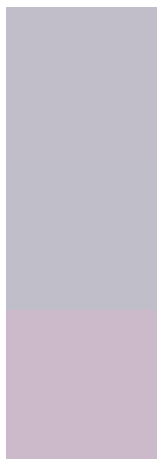


This preview shows how white text looks on a background with the XYZ color 50.7325, 51.9497,

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

50.7325, 51.9497, 62.6117

Protanopia

50.4419, 52.1203, 62.6600

Deuteranopia

52.9115, 51.7996, 63.0867



Tritanopia

50.9694, 52.0444, 63.8591

Trichromacy



Original Color

50.7325, 51.9497, 62.6117

Protanomaly

50.6943, 52.2504, 62.6718

Deuteranomaly

52.0390, 51.6614, 63.1060

Tritanomaly

50.8506, 51.9969, 63.2334

Monochromacy



Original Color

50.7325, 51.9497, 62.6117

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2194, 52.4082, 59.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7325, 51.9497, 62.6117 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(193, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 201)  
}
```

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(193, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.7325, 51.9497, 62.6117 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(193, 189, 201) }
```


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

```
.border{ border-color:rgb(193, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7325, 51.9497, 62.6117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 201) }
```

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

```
.background{ background-color: rgb(193,  
189, 201) }
```

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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