

Converting Colors

XYZ(51.4444, 51.2859, 66.2199)

Have a look what the booklet for
XYZ(51.4444, 51.2859, 66.2199)
contains.

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Color

**XYZ(51.3271, 51.2249,
66.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BACF
RGB	195, 186, 207
RGB Percent	76%, 73%, 81%
CMY	0.2353, 0.2706, 0.1882
CMYK	0.06, 0.10, 0.00, 0.19
HSL	266°, 18%, 77%
HSV	266°, 10%, 81%
XYZ	51.3271, 51.2249, 66.2137
YIQ	191.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

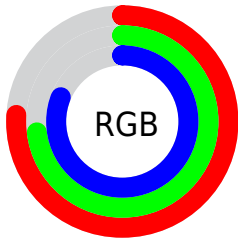
Format	Color
R _Y B	195, 186, 207
Decimal	12827343
CIE Lab	76.82, 7.10, -9.42
CIE LCh	77, 11.796, 307.021
Yxy	51.2249, 0.3041, 0.3035
Android (android.graphics.Color)	4291017423 (0xFFC3BACF)
YUV	191.0850, 7.8461, 3.4335
Hunter-Lab	71.5716, 2.7599, -4.7514

Details

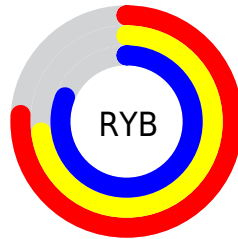
The XYZ color **51.3271, 51.2249, 66.2137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4663, 60.1780, 55.2017**, and the grayscale version is **49.5283, 52.1077, 56.7452**.

A 20% lighter version of the original color is **89.9470, 91.4197, 107.5128**, and **25.1218, 24.7377, 33.5878** is the 20% darker color. If you saturate the color by 10%, you get **44.3421, 41.6136, 64.7275**, and if you desaturate by 10%, it is **59.1891, 62.2289, 67.9241**.

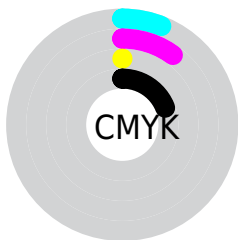
Distribution



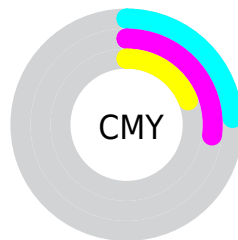
- Red (76%)
- Green (73%)
- Blue (81%)



- Red (76%)
- Yellow (73%)
- Blue (81%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3271, 51.2249, 66.2137 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 51.3271, 51.2249, 66.2137 by changing the saturation by 10% instead.

■ 51.3271, 51.2249,
66.2137

■ 51.3271, 51.2249,
66.2137

382.2001,
391.4369, 465.5658

■ 36.6911, 36.3876,
47.9883

■ 91.3182, 91.9871,
115.4229

■ 25.1410, 24.7337,
33.4577

117.4040,
118.6809, 147.2438

■ 16.3114, 15.8788,
22.2033

148.0372,
150.0956, 184.4337

■ 9.8370, 9.4384,
13.8066

183.5830,
186.6156, 227.4110

■ 5.3525, 5.0282,
7.8491

224.4068,
228.6253, 276.5944

■ 2.4924, 2.2638,
3.9121

270.8740,

■ 0.8914, 0.7545,

276.5092, 332.4022

1.5773

323.3500,
330.6516, 395.2532

■ 0.0000, 0.0000,
0.2745

■ 0.0000, 0.0000,
0.0000

■ 51.3271, 51.2249,
66.2137

■ 51.3271, 51.2249,
66.2137

■ 44.3421, 41.6136,
64.7275

■ 59.1891, 62.2289,
67.9241

■ 38.1968, 33.3315,
63.4527

■ 67.9543, 74.6725,
69.8640

■ 32.8581, 26.3197,
62.3807

■ 77.6535, 88.6088,
72.0428

■ 28.2885, 20.5124,
61.5006

■ 83.7511, 94.9593,
72.9471

■ 24.4474, 15.8377,
60.8008

■ 87.9512, 97.1245,
73.1437

■ 21.2899, 12.2157,
60.2681

■ 88.2626, 97.2851,
73.1583

■ 18.7657, 9.5554,
59.8876

■ 16.8156, 7.7497,
59.6419

■ 15.3539, 6.6142,
59.4997

Harmonies

Analogous

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



49.2160, 51.2249, 68.9340



51.3271, 51.2249, 66.2137



52.7612, 51.2249, 60.7302

Triad

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



51.3271, 51.2249, 66.2137



50.3884, 51.2249, 45.1732



44.5372, 51.2249, 57.2964

Complementary

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



51.3271, 51.2249, 66.2137



54.4663, 60.1780, 55.2017

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.



44.8295, 51.2249, 51.0974



51.3271, 51.2249, 66.2137



48.1632, 51.2249, 44.4075

Square

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



51.3271, 51.2249, 66.2137



52.2078, 51.2249, 48.6736



46.1404, 51.2249, 46.4958



45.3296, 51.2249, 63.5360

Rectangle

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



51.3271, 51.2249, 66.2137



53.1164, 51.2249, 56.4187



46.1404, 51.2249, 46.4958



44.5123, 51.2249, 55.1367

Sweetspot

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



51.3286, 51.2271, 66.2148



91.0677, 94.3960, 108.0282



51.7653, 55.4485, 67.0066



19.2692, 19.8917, 23.0738



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.



51.3286, 51.2271, 66.2148



79.9096, 78.8394, 105.6136



54.0688, 52.6397, 66.3431



11.6372, 11.6618, 14.8813



9.7771, 4.2206, 37.4918



0.6367, 0.2824, 2.1005

Inverse Universe

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



53.4858, 52.4627, 60.7358



84.0134, 81.1906, 95.1594



51.8551, 58.8318, 55.0795



12.0878, 11.9198, 13.7380



18.3321, 9.2057, 11.9211



1.0643, 0.5305, 0.8737

Previews

White Background



This preview shows how the XYZ color 51.3271, 51.2249, 66.2137 looks on a white background.

Color Contrast Check

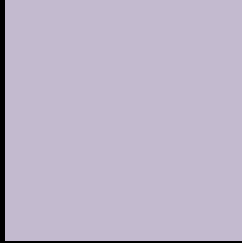
Large Text (above 18pt) WCAG AA × Fail

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 51.3271, 51.2249, 66.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

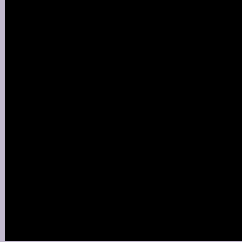
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3271, 51.2249, 66.2137

Background



This preview shows how black text looks on a background with the XYZ color 51.3271, 51.2249, 66.2137.



This preview shows how white text looks on a background with the XYZ color 51.3271, 51.2249,

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

51.3271, 51.2249, 66.2137

Protanopia

49.8619, 51.0853, 66.9070

Deuteranopia

52.2224, 51.0653, 66.1357



Tritanopia

50.6791, 51.2742, 63.1030

Trichromacy



Original Color

51.3271, 51.2249, 66.2137

Protanomaly

50.3907, 51.0419, 66.8707

Deuteranomaly

51.9001, 51.2087, 66.1803

Tritanomaly

50.9175, 51.3696, 64.3584

Monochromacy



Original Color

51.3271, 51.2249, 66.2137

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0139, 51.6329, 60.1535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3271, 51.2249, 66.2137 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, 186, 207)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 207)  
}
```

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, 186, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.3271, 51.2249, 66.2137 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, 186, 207) }
```


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

```
.border{ border-color:rgb(195, 186, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 207);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3271, 51.2249, 66.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 207) }
```

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

```
.background{ background-color: rgb(195,  
186, 207) }
```

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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