

Converting Colors

XYZ(59.4834, 61.1326, 72.4209)

Have a look what the booklet for
XYZ(59.4834, 61.1326, 72.4209)
contains.

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Color

**XYZ(59.2257, 60.8323,
72.2386)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBD6
RGB	207, 203, 214
RGB Percent	81%, 80%, 84%
CMY	0.1882, 0.2039, 0.1608
CMYK	0.03, 0.05, 0.00, 0.16
HSL	262°, 12%, 82%
HSV	262°, 5%, 84%
XYZ	59.2257, 60.8323, 72.2386
YIQ	205.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

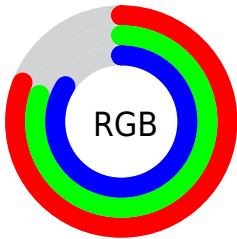
Format	Color
R _Y B	207, 203, 214
Decimal	13618134
CIE Lab	82.29, 3.41, -4.97
CIE LCh	82, 6.028, 304.426
Yxy	60.8323, 0.3080, 0.3163
Android (android.graphics.Color)	4291808214 (0xFFCFCBD6)
YUV	205.4500, 4.2152, 1.3594
Hunter-Lab	77.9951, -0.9470, -0.3175

Details

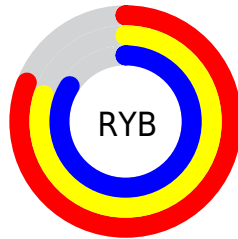
The XYZ color **59.2257, 60.8323, 72.2386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4066, 66.1081, 66.0266**, and the grayscale version is **58.2909, 61.3265, 66.7846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1423, 30.7704, 37.1515** is the 20% darker color. If you saturate the color by 10%, you get **50.8742, 49.5368, 70.4994**, and if you desaturate by 10%, it is **68.6067, 73.6975, 74.2283**.

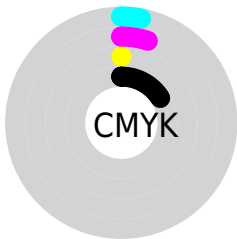
Distribution



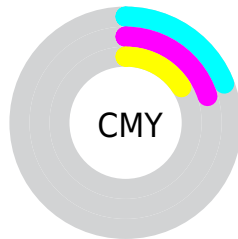
- Red (81%)
- Green (80%)
- Blue (84%)



- Red (81%)
- Yellow (80%)
- Blue (84%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2257, 60.8323, 72.2386 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 59.2257, 60.8323, 72.2386 by changing the saturation by 10% instead.

■ 59.2257, 60.8323,
72.2386

■ 59.2257, 60.8323,
72.2386

411.6184,
427.6588, 487.3715

■ 43.0419, 44.0898,
52.8656

102.8184,
106.0361, 124.1066

■ 30.1127, 30.7411,
37.3085

130.9580,
135.2662, 157.4386

■ 20.0726, 20.4018,
25.1488

163.8135,
169.4277, 196.2607

■ 12.5564, 12.6875,
15.9679

201.7504,
208.9048, 240.9915

■ 7.1987, 7.2137,
9.3473

245.1340,
254.0822, 292.0494

■ 3.6341, 3.5961,
4.8685

294.3296,

■ 1.4973, 1.4503,

305.3440, 349.8530

2.1129

349.7027,
363.0748, 414.8209

■ 0.3240, 0.2534,
0.6235

■ 0.0000, 0.0000,
0.0000

■ 59.2257, 60.8323,
72.2386

■ 59.2257, 60.8323,
72.2386

■ 50.8742, 49.5368,
70.4994

■ 68.6067, 73.6975,
74.2283

■ 43.5102, 39.7420,
68.9970

■ 79.0466, 88.1821,
76.4739

■ 37.0966, 31.3855,
67.7220

■ 86.5621, 96.3073,
77.6461

■ 31.5917, 24.3973,
66.6633

■ 89.1378, 97.6351,
77.7666

■ 26.9506, 18.7014,
65.8085

■ 23.1242, 14.2141,
65.1441

■ 20.0577, 10.8417,
64.6547

■ 17.6890, 8.4758,
64.3229

■ 15.9433, 6.9846,
64.1271

Harmonies

Analogous

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



58.0099, 60.8323, 73.5355



59.2257, 60.8323, 72.2386



60.0740, 60.8323, 69.3341

Triad

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



59.2257, 60.8323, 72.2386



58.8911, 60.8323, 60.0631



55.3935, 60.8323, 66.7830

Complementary

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



59.2257, 60.8323, 72.2386



61.4066, 66.1081, 66.0266

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.



55.6217, 60.8323, 63.2317



59.2257, 60.8323, 72.2386



57.6290, 60.8323, 59.4363

Square

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



59.2257, 60.8323, 72.2386



59.8789, 60.8323, 62.3202



56.4353, 60.8323, 60.5755



55.8075, 60.8323, 70.3126

Rectangle

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



59.2257, 60.8323, 72.2386



60.3104, 60.8323, 66.9249



56.4353, 60.8323, 60.5755



55.3977, 60.8323, 65.5519

Sweetspot

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



59.2275, 60.8349, 72.2399



92.2603, 96.1786, 108.3094



59.8520, 63.7209, 72.7641



19.7768, 20.6262, 23.1889



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.



59.2275, 60.8349, 72.2399



86.8692, 88.8232, 107.1738



60.7478, 61.6187, 72.3111



12.6950, 12.9460, 15.7672



9.3292, 3.9619, 38.7262



0.6520, 0.2850, 2.3400

Inverse Universe

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



60.7224, 61.6639, 69.6775



89.4793, 90.2707, 102.6898



59.9085, 65.3359, 65.9565



13.1124, 13.1775, 15.0492



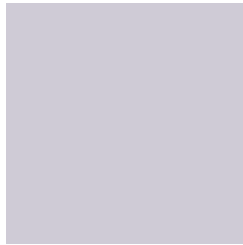
19.5088, 9.7399, 15.2495



1.2158, 0.6031, 1.1256

Previews

White Background



This preview shows how the XYZ color 59.2257, 60.8323, 72.2386 looks on a white background.

Color Contrast Check

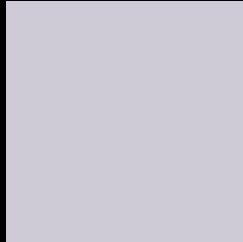
Large Text (above 18pt) WCAG AA × Fail

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 59.2257, 60.8323, 72.2386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

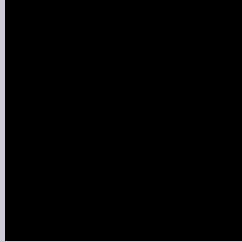
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2257, 60.8323, 72.2386

Background



This preview shows how black text looks on a background with the XYZ color 59.2257, 60.8323, 72.2386.

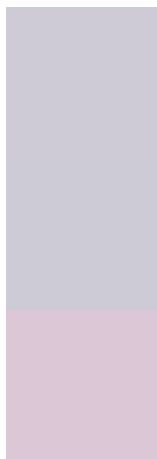


This preview shows how white text looks on a background with the XYZ color 59.2257, 60.8323,

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

59.2257, 60.8323, 72.2386

Protanopia

58.6704, 60.5460, 72.2126

Deuteranopia

62.2044, 60.9688, 72.7796



Tritanopia

59.7878, 60.7129, 74.8973

Trichromacy



Original Color

59.2257, 60.8323, 72.2386

Protanomaly

58.9471, 60.6887, 72.2256

Deuteranomaly

60.9443, 60.6619, 72.7868

Tritanomaly

59.6573, 60.6607, 74.2100

Monochromacy



Original Color

59.2257, 60.8323, 72.2386

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4316, 60.8616, 68.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2257, 60.8323, 72.2386 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(207, 203, 214) looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 214)  
}
```

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(207, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.2257, 60.8323, 72.2386 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(207, 203, 214) }
```


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

```
.border{ border-color:rgb(207, 203, 214) }
```

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

Here you see how a box with a 4 pixel rgb(207, 203, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2257, 60.8323, 72.2386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 214) }
```

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

```
.background{ background-color: rgb(207,  
203, 214) }
```

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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