

Converting Colors

XYZ(58.0941, 58.9321, 72.0655)

Have a look what the booklet for
XYZ(58.0941, 58.9321, 72.0655)
contains.

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Color

**XYZ(58.0146, 58.8237,
71.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC7D6
RGB	206, 199, 214
RGB Percent	81%, 78%, 84%
CMY	0.1922, 0.2196, 0.1608
CMYK	0.04, 0.07, 0.00, 0.16
HSL	268°, 15%, 81%
HSV	268°, 7%, 84%
XYZ	58.0146, 58.8237, 71.9147
YIQ	202.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

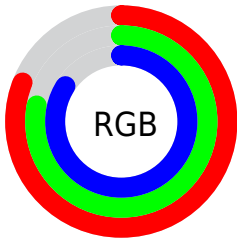
Format	Color
R _Y B	206, 199, 214
Decimal	13551574
CIE Lab	81.19, 5.19, -6.60
CIE LCh	81, 8.395, 308.203
Yxy	58.8237, 0.3074, 0.3116
Android (android.graphics.Color)	4291741654 (0xFFCEC7D6)
YUV	202.8030, 5.5201, 2.8038
Hunter-Lab	76.6966, 0.8013, -1.9057

Details

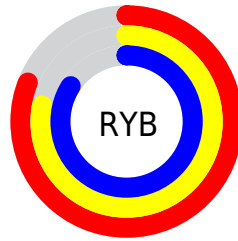
The XYZ color **58.0146, 58.8237, 71.9147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0897, 65.4836, 63.5083**, and the grayscale version is **56.6094, 59.5575, 64.8581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3323, 29.4294, 36.9354** is the 20% darker color. If you saturate the color by 10%, you get **50.3784, 48.0858, 70.2454**, and if you desaturate by 10%, it is **66.5769, 71.0701, 73.8281**.

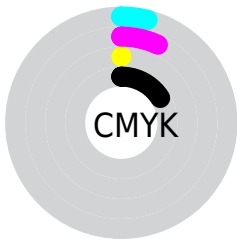
Distribution



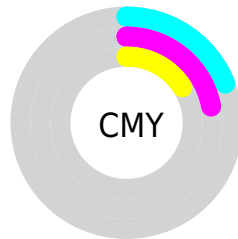
- Red (81%)
- Green (78%)
- Blue (84%)



- Red (81%)
- Yellow (78%)
- Blue (84%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0146, 58.8237, 71.9147 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 58.0146, 58.8237, 71.9147 by changing the saturation by 10% instead.

■ 58.0146, 58.8237,
71.9147

■ 58.0146, 58.8237,
71.9147

407.1933,
420.2483, 486.2142

■ 42.0637, 42.4712,
52.6026

101.0670,
103.1214, 123.6418

■ 29.3425, 29.4704,
37.1001

128.8991,
131.8354, 156.8940

■ 19.4856, 19.4370,
24.9886

161.4224,
165.4387, 195.6298

■ 12.1278, 11.9865,
15.8496

199.0022,
204.3156, 240.2680

■ 6.9036, 6.7345,
9.2646

242.0038,
248.8507, 291.2269

■ 3.4477, 3.2966,
4.8150

290.7927,

■ 1.3947, 1.2885,

299.4282, 348.9253

2.0823

345.7340,
356.4326, 413.7815

■ 0.2524, 0.1322,
0.6052

■ 0.0000, 0.0000,
0.0000

■ 58.0146, 58.8237,
71.9147

■ 58.0146, 58.8237,
71.9147

■ 50.3784, 48.0858,
70.2454

■ 66.5769, 71.0701,
73.8281

■ 43.6294, 38.7889,
68.8067

■ 76.0918, 84.8740,
75.9910

■ 37.7338, 30.8714,
67.5892

■ 83.9175, 94.9440,
77.5223

■ 32.6530, 24.2643,
66.5817

■ 87.9214, 97.0080,
77.7097

■ 28.3455, 18.8924,
65.7718

■ 89.1378, 97.6351,
77.7666

■ 24.7657, 14.6727,
65.1460

■ 21.8622, 11.5113,
64.6888

■ 19.5759, 9.2992,
64.3823

■ 17.8305, 7.8930,
64.2029

Harmonies

Analogous

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



56.3911, 58.8237, 74.0563



58.0146, 58.8237, 71.9147



59.0892, 58.8237, 67.6901

Triad

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



58.0146, 58.8237, 71.9147



57.1675, 58.8237, 55.5209



52.6491, 58.8237, 65.4322

Complementary

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



58.0146, 58.8237, 71.9147



60.0897, 65.4836, 63.5083

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.



52.8472, 58.8237, 60.5409



58.0146, 58.8237, 71.9147



55.4320, 58.8237, 54.9865

Square

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



58.0146, 58.8237, 71.9147



58.5931, 58.8237, 58.2787



53.8572, 58.8237, 56.7788



53.3104, 58.8237, 70.1882

Rectangle

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



58.0146, 58.8237, 71.9147



59.3372, 58.8237, 64.3514



53.8572, 58.8237, 56.7788



52.6177, 58.8237, 63.7476

Sweetspot

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



58.0163, 58.8262, 71.9160



92.4507, 96.2767, 108.3183



58.0664, 61.7462, 72.4770



19.8155, 20.6462, 23.1907



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.



58.0163, 58.8262, 71.9160



84.9930, 85.6620, 106.6626



60.0759, 59.8880, 72.0124



12.2879, 12.2898, 15.6620



10.6203, 4.6275, 38.7866



0.7356, 0.3281, 2.3439

Inverse Universe

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



59.4195, 59.6506, 67.4164



87.3891, 87.0699, 98.9730



58.1102, 64.4631, 63.4157



12.6974, 12.5304, 14.3466



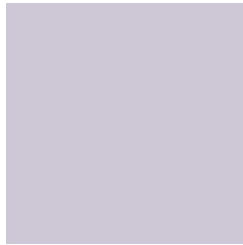
18.6563, 9.3988, 10.7600



1.1669, 0.5836, 0.8683

Previews

White Background



This preview shows how the XYZ color 58.0146, 58.8237, 71.9147 looks on a white background.

Color Contrast Check

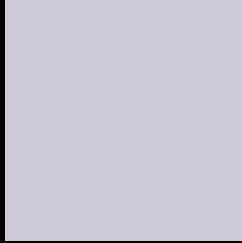
Large Text (above 18pt) WCAG AA × Fail

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 58.0146, 58.8237, 71.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

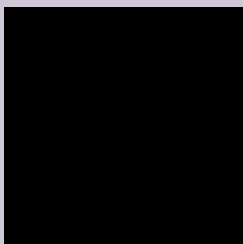
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

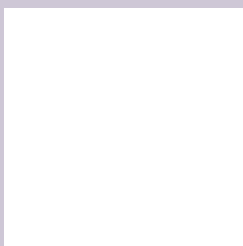
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0146, 58.8237, 71.9147

Background



This preview shows how black text looks on a background with the XYZ color 58.0146, 58.8237, 71.9147.

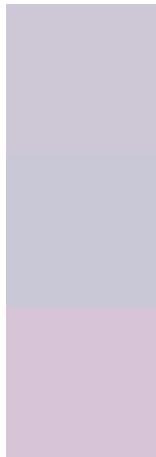


This preview shows how white text looks on a background with the XYZ color 58.0146, 58.8237,

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

58.0146, 58.8237, 71.9147

Protanopia

57.0074, 58.6324, 72.6025

Deuteranopia

60.0300, 58.8332, 72.4820



Tritanopia

58.1428, 58.8750, 72.5895

Trichromacy



Original Color

58.0146, 58.8237, 71.9147

Protanomaly

57.5486, 58.9114, 72.6279

Deuteranomaly

59.3834, 58.8358, 72.5166

Tritanomaly

58.1428, 58.8750, 72.5895

Monochromacy



Original Color

58.0146, 58.8237, 71.9147

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2849, 59.5834, 67.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0146, 58.8237, 71.9147 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(206, 199, 214) looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 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(206, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.0146, 58.8237, 71.9147 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(206, 199, 214) }
```


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

```
.border{ border-color:rgb(206, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0146, 58.8237, 71.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 214) }
```

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

```
.background{ background-color: rgb(206,  
199, 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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