

Converting Colors

XYZ(59.3538, 61.4406, 73.9191)

Have a look what the booklet for
XYZ(59.3538, 61.4406, 73.9191)
contains.

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Color

**XYZ(59.4028, 61.5996,
73.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCDD8
RGB	205, 205, 216
RGB Percent	80%, 80%, 85%
CMY	0.1961, 0.1961, 0.1529
CMYK	0.05, 0.05, 0.00, 0.15
HSL	240°, 12%, 83%
HSV	240°, 5%, 85%
XYZ	59.4028, 61.5996, 73.7248
YIQ	206.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

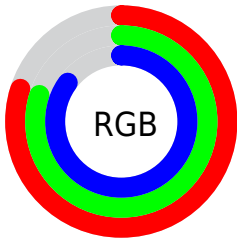
Format	Color
R_{YB}	205, 205, 216
Decimal	13487576
CIE _{Lab}	82.70, 2.06, -5.45
CIE _{LCh}	83, 5.826, 290.695
Yxy	61.5996, 0.3051, 0.3163
Android (android.graphics.Color)	4291677656 (0xFFCDD8)
YUV	206.2540, 4.8048, -1.0998
Hunter-Lab	78.4854, -2.2492, -0.7539

Details

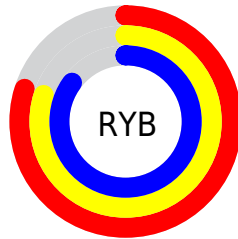
The XYZ color **59.4028, 61.5996, 73.7248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8944, 68.1178, 67.5391**, and the grayscale version is **58.8022, 61.8644, 67.3704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2621, 31.2857, 38.1620** is the 20% darker color. If you saturate the color by 10%, you get **49.0373, 49.1112, 71.8616**, and if you desaturate by 10%, it is **71.3074, 75.9430, 75.8669**.

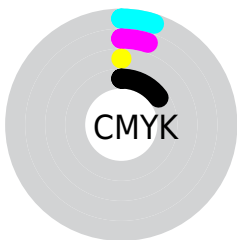
Distribution



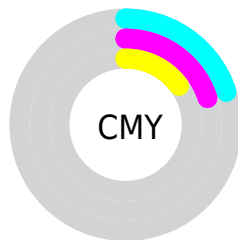
- Red (80%)
- Green (80%)
- Blue (85%)



- Red (80%)
- Yellow (80%)
- Blue (85%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4028, 61.5996, 73.7248 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 59.4028, 61.5996, 73.7248 by changing the saturation by 10% instead.

■ 59.4028, 61.5996,
73.7248

■ 59.4028, 61.5996,
73.7248

412.2631,
430.4691, 492.6610

■ 43.1851, 44.7092,
54.0734

103.0741,
107.1466, 126.2361

■ 30.2255, 31.2285,
38.2668

131.2585,
136.5721, 159.9330

■ 20.1587, 20.7729,
25.8864

164.1624,
170.9447, 199.1489

■ 12.6194, 12.9581,
16.5136

202.1512,
210.6489, 244.3022

■ 7.2422, 7.3997,
9.7301

245.5904,
256.0690, 295.8115

■ 3.6617, 3.7133,
5.1171

294.8452,

■ 1.5126, 1.5145,

307.5895, 354.0954

2.2562

350.2810,
365.5947, 419.5724

■ 0.3344, 0.2989,
0.7065

■ 0.0000, 0.0000,
0.0000

■ 59.4028, 61.5996,
73.7248

■ 59.4028, 61.5996,
73.7248

■ 49.0373, 49.1112,
71.8616

■ 71.3074, 75.9430,
75.8669

■ 40.1429, 38.3947,
70.2619

■ 84.8045, 92.2046,
78.2943

■ 32.6547, 29.3723,
68.9150

■ 89.3949, 97.7379,
79.1204

■ 26.5007, 21.9572,
67.8081

■ 21.6026, 16.0552,
66.9271

■ 17.8741, 11.5622,
66.2564

■ 15.2176, 8.3608,
65.7784

■ 13.5201, 6.3150,
65.4730

■ 12.6434, 5.2580,
65.3152

Harmonies

Analogous

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



58.1605, 61.5996, 74.1024



59.4028, 61.5996, 73.7248



60.4297, 61.5996, 71.5308

Triad

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



59.4028, 61.5996, 73.7248



60.0856, 61.5996, 61.8807



56.2066, 61.5996, 65.9638

Complementary

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



59.4028, 61.5996, 73.7248



63.8944, 68.1178, 67.5391

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.



56.7069, 61.5996, 62.8015



59.4028, 61.5996, 73.7248



58.9384, 61.5996, 60.5000

Square

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



59.4028, 61.5996, 73.7248



60.8278, 61.5996, 64.6662



57.7026, 61.5996, 60.8310



56.3270, 61.5996, 69.5357

Rectangle

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



59.4028, 61.5996, 73.7248



60.8483, 61.5996, 69.3749



57.7026, 61.5996, 60.8310



56.3075, 61.5996, 64.8197

Sweetspot

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



59.4046, 61.6022, 73.7262



91.5935, 95.8355, 108.2784



62.1047, 67.0403, 74.5093



19.6410, 20.5563, 23.1825



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.



59.4046, 61.6022, 73.7262



84.9565, 87.8391, 107.0847



60.8956, 62.3697, 73.7957



12.3902, 12.7892, 15.7530



7.3369, 2.9356, 38.6331



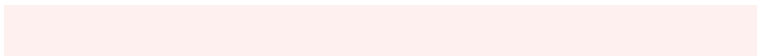
0.4426, 0.1773, 2.3302

Inverse Universe

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



61.1710, 62.6706, 66.6332



87.9961, 89.6774, 94.8796



62.3496, 67.3227, 67.4670



12.8758, 13.0828, 13.8032



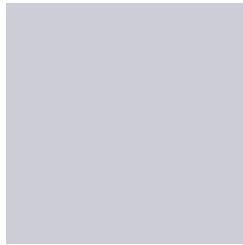
16.7622, 8.6412, 0.7859



1.0111, 0.5212, 0.0477

Previews

White Background



This preview shows how the XYZ color 59.4028, 61.5996, 73.7248 looks on a white background.

Color Contrast Check

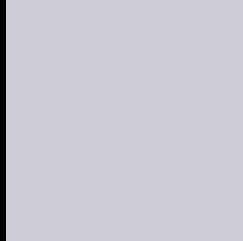
Large Text (above 18pt) WCAG AA × Fail

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 59.4028, 61.5996, 73.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

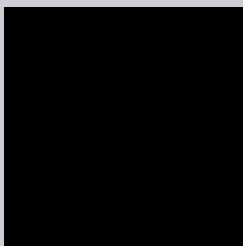
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

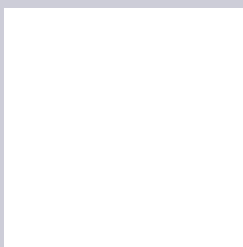
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4028, 61.5996, 73.7248

Background



This preview shows how black text looks on a background with the XYZ color 59.4028, 61.5996, 73.7248.

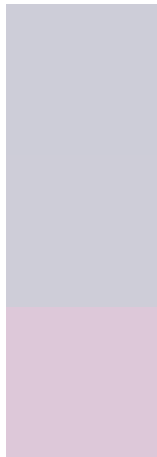


This preview shows how white text looks on a background with the XYZ color 59.4028, 61.5996,

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

59.4028, 61.5996, 73.7248

Protanopia

59.6796, 61.7423, 73.7378

Deuteranopia

62.9975, 61.6905, 74.2328



Tritanopia

59.9647, 61.4748, 76.4155

Trichromacy



Original Color

59.4028, 61.5996, 73.7248

Protanomaly

59.6796, 61.7423, 73.7378

Deuteranomaly

61.6692, 61.6979, 74.3042

Tritanomaly

59.8326, 61.4220, 75.7199

Monochromacy



Original Color

59.4028, 61.5996, 73.7248

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1578, 61.9176, 69.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4028, 61.5996, 73.7248 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(205, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 216)  
}
```

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(205, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.4028, 61.5996, 73.7248 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(205, 205, 216) }
```


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

```
.border{ border-color:rgb(205, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4028, 61.5996, 73.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 216) }
```

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

```
.background{ background-color: rgb(205,  
205, 216) }
```

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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