

Converting Colors

XYZ(59.2188, 61.3302, 72.6575)

Have a look what the booklet for
XYZ(59.2188, 61.3302, 72.6575)
contains.

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Color

**XYZ(59.1841, 61.1626,
72.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCD6
RGB	206, 204, 214
RGB Percent	81%, 80%, 84%
CMY	0.1922, 0.2000, 0.1608
CMYK	0.04, 0.05, 0.00, 0.16
HSL	252°, 11%, 82%
HSV	252°, 5%, 84%
XYZ	59.1841, 61.1626, 72.3046
YIQ	205.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

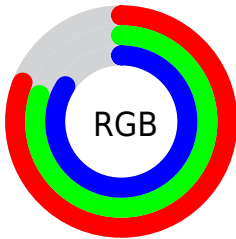
Format	Color
R _Y B	206, 204, 214
Decimal	13552854
CIE Lab	82.47, 2.54, -4.72
CIE LCh	82, 5.360, 298.313
Yxy	61.1626, 0.3072, 0.3175
Android (android.graphics.Color)	4291742934 (0xFFCECCD6)
YUV	205.7380, 4.0732, 0.2298
Hunter-Lab	78.2065, -1.7785, -0.0711

Details

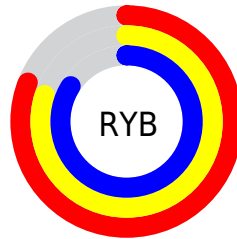
The XYZ color **59.1841, 61.1626, 72.3046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0993, 66.4515, 66.6832**, and the grayscale version is **58.4759, 61.5212, 66.9966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1132, 30.9913, 37.1957** is the 20% darker color. If you saturate the color by 10%, you get **49.9454, 49.3622, 70.5148**, and if you desaturate by 10%, it is **69.6433, 74.6330, 74.3543**.

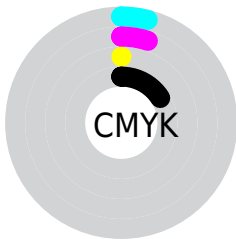
Distribution



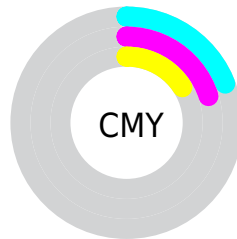
- Red (81%)
- Green (80%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1841, 61.1626, 72.3046 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 59.1841, 61.1626, 72.3046 by changing the saturation by 10% instead.

■ 59.1841, 61.1626,
72.3046

■ 59.1841, 61.1626,
72.3046

411.4669,
428.8699, 487.6071

■ 43.0083, 44.3564,
52.9192

102.7583,
106.5143, 124.2012

■ 30.0862, 30.9508,
37.3510

130.8874,
135.8287, 157.5495

■ 20.0524, 20.5614,
25.1814

163.7316,
170.0812, 196.3892

■ 12.5416, 12.8038,
15.9920

201.6562,
209.6562, 241.1388

■ 7.1885, 7.2936,
9.3642

245.0268,
254.9382, 292.2168

■ 3.6276, 3.6464,
4.8795

294.2085,

■ 1.4937, 1.4778,

306.3116, 350.0419

2.1192

349.5667,
364.1607, 415.0325

■ 0.3215, 0.2730,
0.6272

■ 0.0000, 0.0000,
0.0000

■ 59.1841, 61.1626,
72.3046

■ 59.1841, 61.1626,
72.3046

■ 49.9454, 49.3622,
70.5148

■ 69.6433, 74.6330,
74.3543

■ 41.8770, 39.1589,
68.9706

■ 81.3600, 89.8271,
76.6695

■ 34.9330, 30.4857,
67.6625

■ 89.1378, 97.6351,
77.7667

■ 29.0625, 23.2681,
66.5787

■ 24.2106, 17.4251,
65.7067

■ 20.3171, 12.8679,
65.0322

■ 17.3155, 9.4967,
64.5397

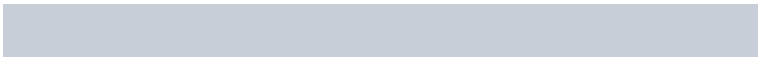
■ 15.1303, 7.1971,
64.2110

■ 13.6717, 5.8305,
64.0241

Harmonies

Analogous

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



58.0684, 61.1626, 73.1018



59.1841, 61.1626, 72.3046



60.0276, 61.1626, 69.9642

Triad

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



59.1841, 61.1626, 72.3046



59.2978, 61.1626, 61.3711



55.9594, 61.1626, 66.4102

Complementary

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



59.1841, 61.1626, 72.3046



62.0993, 66.4515, 66.6832

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.



56.2791, 61.1626, 63.3370



59.1841, 61.1626, 72.3046



58.1981, 61.1626, 60.4875

Square

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



59.1841, 61.1626, 72.3046



60.0939, 61.1626, 63.6486



57.0948, 61.1626, 61.1955



56.2157, 61.1626, 69.6324

Rectangle

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



59.1841, 61.1626, 72.3046



60.3168, 61.1626, 67.8816



57.0948, 61.1626, 61.1955



56.0030, 61.1626, 65.3261

Sweetspot

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



59.1859, 61.1652, 72.3059



93.4951, 97.9988, 108.5957



60.6267, 64.8646, 72.9440



20.0282, 20.9969, 23.2472



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.



59.1859, 61.1652, 72.3059



85.9999, 88.3750, 107.1331



60.5488, 61.8678, 72.3697



12.5564, 12.8745, 15.7608



8.0003, 3.2768, 38.6640



0.5509, 0.2329, 2.3352

Inverse Universe

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



61.2103, 62.2381, 71.0775



89.8736, 90.4284, 104.7664



60.7264, 65.7437, 66.6190



13.1755, 13.2027, 15.3815



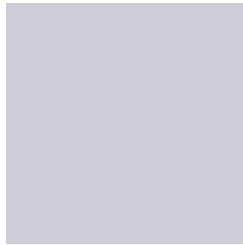
21.2575, 10.4393, 24.4575



1.3098, 0.6407, 1.6208

Previews

White Background



This preview shows how the XYZ color 59.1841, 61.1626, 72.3046 looks on a white background.

Color Contrast Check

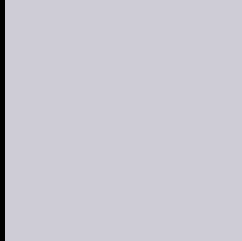
Large Text (above 18pt) WCAG AA × Fail

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 59.1841, 61.1626, 72.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

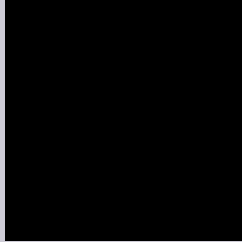
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

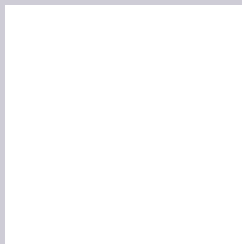
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1841, 61.1626, 72.3046

Background



This preview shows how black text looks on a background with the XYZ color 59.1841, 61.1626, 72.3046.

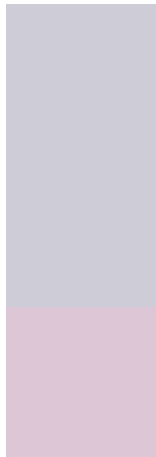


This preview shows how white text looks on a background with the XYZ color 59.1841, 61.1626,

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

59.1841, 61.1626, 72.3046

Protanopia

59.1841, 61.1626, 72.3046

Deuteranopia

62.5080, 61.1253, 72.7938



Tritanopia

59.8742, 61.0917, 75.6540

Trichromacy



Original Color

59.1841, 61.1626, 72.3046

Protanomaly

59.1841, 61.1626, 72.3046

Deuteranomaly

61.4713, 61.2785, 72.8780

Tritanomaly

59.6124, 60.9870, 74.2754

Monochromacy



Original Color

59.1841, 61.1626, 72.3046

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7935, 61.3879, 69.0719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1841, 61.1626, 72.3046 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, 204, 214) looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 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, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.1841, 61.1626, 72.3046 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, 204, 214) }
```


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

```
.border{ border-color:rgb(206, 204, 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, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1841, 61.1626, 72.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 214) }
```

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

```
.background{ background-color: rgb(206,  
204, 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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