

Converting Colors

XYZ(59.6797, 60.2155, 79.6123)

Have a look what the booklet for
XYZ(59.6797, 60.2155, 79.6123)
contains.

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Color

**XYZ(59.6541, 60.1887,
79.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC9E1
RGB	205, 201, 225
RGB Percent	80%, 79%, 88%
CMY	0.1961, 0.2117, 0.1176
CMYK	0.09, 0.11, 0.00, 0.12
HSL	250°, 29%, 84%
HSV	250°, 11%, 88%
XYZ	59.6541, 60.1887, 79.7076
YIQ	204.9320, -5.3200, 8.3120

Conversions

Conversions Part 2

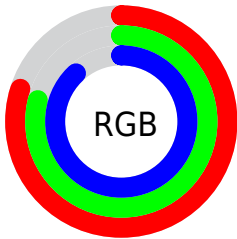
Format	Color
R _Y B	205, 201, 225
Decimal	13486561
CIE Lab	81.94, 5.93, -11.39
CIE LCh	82, 12.841, 297.525
Yxy	60.1887, 0.2989, 0.3016
Android (android.graphics.Color)	4291676641 (0xFFCDC9E1)
YUV	204.9320, 9.8935, 0.0596
Hunter-Lab	77.5814, 1.4853, -6.6080

Details

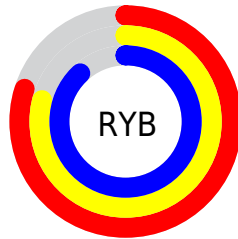
The XYZ color **59.6541, 60.1887, 79.7076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2888, 73.4412, 65.8904**, and the grayscale version is **57.9282, 60.9449, 66.3690**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4519, 30.3490, 42.2832** is the 20% darker color. If you saturate the color by 10%, you get **49.9222, 47.9487, 77.8589**, and if you desaturate by 10%, it is **70.7779, 74.2899, 81.8441**.

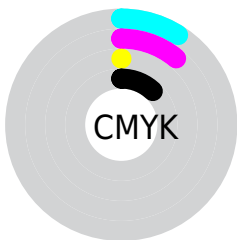
Distribution



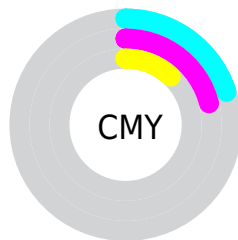
- Red (80%)
- Green (79%)
- Blue (88%)



- Red (80%)
- Yellow (79%)
- Blue (88%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6541, 60.1887, 79.7076 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 59.6541, 60.1887, 79.7076 by changing the saturation by 10% instead.

■ 59.6541, 60.1887,
79.7076

■ 59.6541, 60.1887,
79.7076

413.1768,
425.2930, 513.6276

■ 43.3883, 43.5707,
58.9530

103.4369,
105.1034, 134.7622

■ 30.3857, 30.3332,
42.1555

131.6847,
134.1688, 169.8994

■ 20.2811, 20.0916,
28.8966

164.6571,
168.1523, 210.6678

■ 12.7090, 12.4617,
18.7577

202.7195,
207.4381, 257.4860

■ 7.3041, 7.0589,
11.3203

246.2374,
252.4107, 310.7725

■ 3.7010, 3.4990,
6.1658

295.5760,

■ 1.5344, 1.3974,

303.4545, 370.9460

2.8758

351.1007,
360.9537, 438.4248

■ 0.3491, 0.2148,
1.0316

■ 0.0000, 0.0000,
0.0000

■ 59.6541, 60.1887,
79.7076

■ 59.6541, 60.1887,
79.7076

■ 49.9222, 47.9487,
77.8589

■ 70.7779, 74.2899,
81.8441

■ 41.5216, 37.4845,
76.2819

■ 83.3401, 90.3179,
84.2757

■ 34.3955, 28.7154,
74.9649

■ 90.5908, 98.2163,
85.4181

■ 28.4805, 21.5514,
73.8938

■ 23.7079, 15.8939,
73.0534

■ 20.0018, 11.6337,
72.4264

■ 17.2768, 8.6463,
71.9934

■ 15.4336, 6.7845,
71.7312

■ 14.3710, 5.8385,
71.6046

Harmonies

Analogous

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



56.9824, 60.1887, 81.6352



59.6541, 60.1887, 79.7076



61.7255, 60.1887, 73.8948

Triad

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



59.6541, 60.1887, 79.7076



60.0565, 60.1887, 53.7145



52.1490, 60.1887, 64.8918

Complementary

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



59.6541, 60.1887, 79.7076



67.2888, 73.4412, 65.8904

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.



52.9156, 60.1887, 57.8312



59.6541, 60.1887, 79.7076



57.4333, 60.1887, 51.7048

Square

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



59.6541, 60.1887, 79.7076



61.9629, 60.1887, 58.8661



54.8288, 60.1887, 53.1511



52.7019, 60.1887, 72.6901

Rectangle

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



59.6541, 60.1887, 79.7076



62.4574, 60.1887, 68.8181



54.8288, 60.1887, 53.1511



52.2604, 60.1887, 62.3585

Sweetspot

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



59.6559, 60.1912, 79.7089



90.3510, 94.0266, 107.9947



63.6421, 69.7798, 81.3496



19.0763, 19.7923, 23.0648



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.



59.6559, 60.1912, 79.7089



75.9274, 75.7743, 105.2318



62.9758, 61.9027, 79.8643



13.1637, 13.3524, 17.2712



8.3470, 3.3983, 41.2644



0.6439, 0.2692, 2.8633

Inverse Universe

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



64.9912, 63.0040, 77.1451



84.4950, 80.2923, 101.0587



63.8776, 71.6826, 65.7307



14.1918, 13.8944, 16.7804



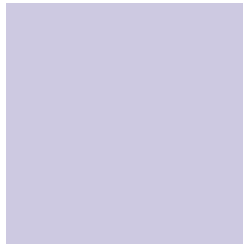
23.1316, 11.3196, 28.4226



1.6298, 0.7952, 2.1091

Previews

White Background



This preview shows how the XYZ color 59.6541, 60.1887, 79.7076 looks on a white background.

Color Contrast Check

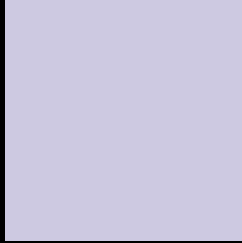
Large Text (above 18pt) WCAG AA × Fail

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 59.6541, 60.1887, 79.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

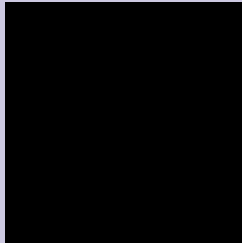
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6541, 60.1887, 79.7076

Background



This preview shows how black text looks on a background with the XYZ color 59.6541, 60.1887, 79.7076.

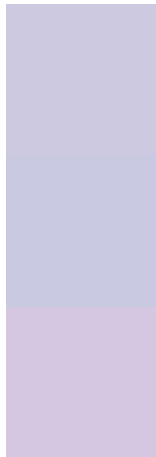


This preview shows how white text looks on a background with the XYZ color 59.6541, 60.1887,

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

59.6541, 60.1887, 79.7076

Protanopia

58.9354, 60.1496, 80.4553

Deuteranopia

61.3621, 60.0253, 80.3034



Tritanopia

58.6773, 60.1404, 74.8453

Trichromacy



Original Color

59.6541, 60.1887, 79.7076

Protanomaly

59.2051, 60.2886, 80.4679

Deuteranomaly

60.7292, 60.0395, 80.3395

Tritanomaly

59.0735, 60.2989, 76.9320

Monochromacy



Original Color

59.6541, 60.1887, 79.7076

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.6534, 60.9183, 70.9544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6541, 60.1887, 79.7076 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, 201, 225)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 225)  
}
```

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, 201, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.6541, 60.1887, 79.7076 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, 201, 225) }
```


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

```
.border{ border-color:rgb(205, 201, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 225);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6541, 60.1887, 79.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 225) }
```

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

```
.background{ background-color: rgb(205,  
201, 225) }
```

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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