

Converting Colors

XYZ(59.9305, 58.5940, 66.3899)

Have a look what the booklet for
XYZ(59.9305, 58.5940, 66.3899)
contains.

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Color

**XYZ(59.8691, 58.5465,
66.5377)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC3CE
RGB	219, 195, 206
RGB Percent	86%, 76%, 81%
CMY	0.1412, 0.2353, 0.1922
CMYK	0.00, 0.11, 0.06, 0.14
HSL	333°, 25%, 81%
HSV	333°, 11%, 86%
XYZ	59.8691, 58.5465, 66.5377
YIQ	203.4300, 10.7730, 8.5090

Conversions

Conversions Part 2

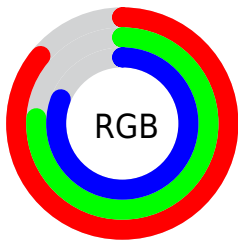
Format	Color
R_{YB}	219, 195, 206
Decimal	14402510
CIE _{Lab}	81.04, 10.32, -2.41
CIE _{LCh}	81, 10.600, 346.877
Yxy	58.5465, 0.3237, 0.3165
Android (android.graphics.Color)	4292592590 (0xFFDBC3CE)
YUV	203.4300, 1.2670, 13.6549
Hunter-Lab	76.5157, 5.7635, 2.0027

Details

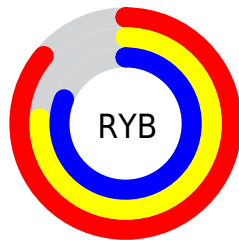
The XYZ color **59.8691, 58.5465, 66.5377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2246, 66.8207, 69.4539**, and the grayscale version is **57.0240, 59.9937, 65.3331**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.5022, 29.2093, 33.7361** is the 20% darker color. If you saturate the color by 10%, you get **53.9305, 48.8889, 57.7137**, and if you desaturate by 10%, it is **66.6395, 69.6921, 76.1772**.

Distribution



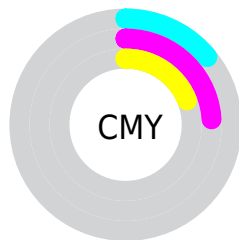
- Red (86%)
- Green (76%)
- Blue (81%)



- Red (86%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8691, 58.5465, 66.5377 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 59.8691, 58.5465, 66.5377 by changing the saturation by 10% instead.

■ 59.8691, 58.5465,
66.5377

■ 59.8691, 58.5465,
66.5377

413.9576,
419.2192, 466.7540

■ 43.5622, 42.2482,
48.2498

■ 103.7472,
102.7183, 115.8921

■ 30.5229, 29.2957,
33.6633

132.0491,
131.3605, 147.7956

■ 20.3859, 19.3046,
22.3598

165.0800,
164.8861, 185.0748

■ 12.7857, 11.8906,
13.9207

203.2053,
203.6795, 228.1482

■ 7.3571, 6.6692,
7.9274

246.7904,
248.1252, 277.4342

■ 3.7348, 3.2561,
3.9614

296.2005,

■ 1.5532, 1.2669,

298.6074, 333.3515

1.6042

351.8012,
355.5106, 396.3186

■ 0.3616, 0.1153,
0.2938

■ 0.0000, 0.0000,
0.0000

■ 59.8691, 58.5465,
66.5377

■ 59.8691, 58.5465,
66.5377

■ 53.9305, 48.8889,
57.7137

■ 66.6395, 69.6921,
76.1772

■ 48.7851, 40.6482,
49.6785

■ 74.2684, 82.3774,
86.6504

■ 44.3986, 33.7589,
42.4091

■ 80.9399, 92.9667,
97.3638

■ 40.7322, 28.1476,
35.8800

■ 82.7766, 93.7014,
107.0355

■ 37.7435, 23.7335,
30.0639

■ 83.0238, 93.8002,
108.3372

■ 35.3851, 20.4267,
24.9313

■ 33.6034, 18.1241,
20.4500

■ 32.3345, 16.7033,
16.5838

■ 31.5314, 15.9873,
13.5715

Harmonies

Analogous

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



58.7918, 58.5465, 72.3928



59.8691, 58.5465, 66.5377



59.7938, 58.5465, 60.2942

Triad

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



59.8691, 58.5465, 66.5377



54.4276, 58.5465, 52.8421



52.8047, 58.5465, 73.0053

Complementary

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



59.8691, 58.5465, 66.5377



59.2246, 66.8207, 69.4539

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.



51.6959, 58.5465, 67.3296



59.8691, 58.5465, 66.5377



52.6158, 58.5465, 55.8189

Square

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



59.8691, 58.5465, 66.5377



56.6127, 58.5465, 52.6611



51.6276, 58.5465, 61.0358



54.6917, 58.5465, 76.2892

Rectangle

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



59.8691, 58.5465, 66.5377



59.0997, 58.5465, 56.7496



51.6276, 58.5465, 61.0358



52.3308, 58.5465, 71.2976

Sweetspot

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



59.8708, 58.5491, 66.5390



91.9977, 94.9517, 104.6262



58.2597, 57.5284, 75.0521



19.5207, 20.0420, 22.1537



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.



59.8708, 58.5491, 66.5390



82.6135, 79.5397, 91.1507



58.7606, 58.3926, 59.8067



13.3030, 13.1503, 14.8566



18.7503, 9.5012, 8.3310



1.2579, 0.6328, 0.7670

Inverse Universe

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



59.8708, 58.5491, 66.5390



82.6135, 79.5397, 91.1507



60.4170, 66.9646, 76.7598



13.3030, 13.1503, 14.8566



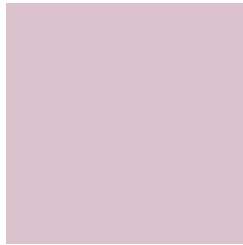
18.7503, 9.5012, 8.3310



1.2579, 0.6328, 0.7670

Previews

White Background



This preview shows how the XYZ color 59.8691, 58.5465, 66.5377 looks on a white background.

Color Contrast Check

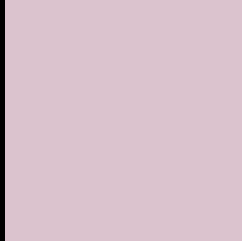
Large Text (above 18pt) WCAG AA × Fail

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 59.8691, 58.5465, 66.5377 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

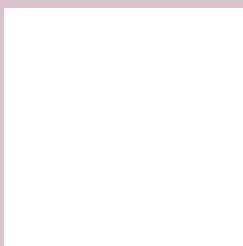
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8691, 58.5465, 66.5377

Background



This preview shows how black text looks on a background with the XYZ color 59.8691, 58.5465, 66.5377.



This preview shows how white text looks on a background with the XYZ color 59.8691, 58.5465,

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

59.8691, 58.5465, 66.5377

Protanopia

56.7915, 58.6085, 68.6409

Deuteranopia

59.8691, 58.5465, 66.5377



Tritanopia

60.4398, 58.4524, 69.0697

Trichromacy



Original Color

59.8691, 58.5465, 66.5377

Protanomaly

57.8737, 58.4975, 67.9154

Deuteranomaly

59.8691, 58.5465, 66.5377

Tritanomaly

60.3156, 58.4027, 68.4155

Monochromacy



Original Color

59.8691, 58.5465, 66.5377

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8479, 59.2235, 65.5091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8691, 58.5465, 66.5377 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(219, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 206)  
}
```

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(219, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.8691, 58.5465, 66.5377 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(219, 195, 206) }
```


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

```
.border{ border-color:rgb(219, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8691, 58.5465, 66.5377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 206) }
```

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

```
.background{ background-color: rgb(219,  
195, 206) }
```

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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