

Converting Colors

XYZ(61.8810, 58.5115, 89.0384)

Have a look what the booklet for
XYZ(61.8810, 58.5115, 89.0384)
contains.

XYZ(61.9432, 58.4591, 88.9079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.9432, 58.4591,
88.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C1EE
RGB	213, 193, 238
RGB Percent	84%, 76%, 93%
CMY	0.1647, 0.2431, 0.0667
CMYK	0.11, 0.19, 0.00, 0.07
HSL	267°, 57%, 85%
HSV	267°, 19%, 93%
XYZ	61.9432, 58.4591, 88.9079
YIQ	204.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

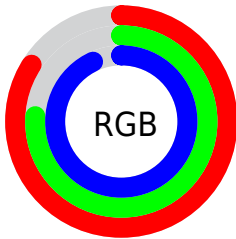
Format	Color
R _{YB}	213, 193, 238
Decimal	14008814
CIE _{Lab}	80.99, 15.42, -19.70
CIE _{LCh}	81, 25.024, 308.053
Y _{xy}	58.4591, 0.2959, 0.2793
Android (android.graphics.Color)	4292198894 (0xFFD5C1EE)
YUV	204.1100, 16.7078, 7.7965
Hunter-Lab	76.4586, 10.8100, -15.4229

Details

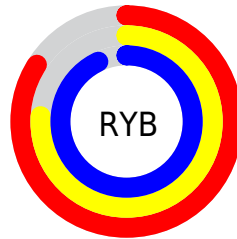
The XYZ color **61.9432, 58.4591, 88.9079** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.1155, 79.9062, 62.2354**, and the grayscale version is **57.3644, 60.3519, 65.7232**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **31.7767, 29.1117, 48.2003** is the 20% darker color. If you saturate the color by 10%, you get **53.4194, 46.8742, 87.1220**, and if you desaturate by 10%, it is **71.6300, 71.9034, 90.9933**.

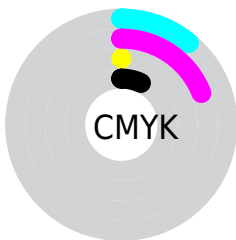
Distribution



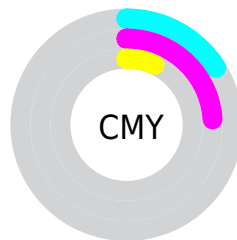
- Red (84%)
- Green (76%)
- Blue (93%)



- Red (84%)
- Yellow (76%)
- Blue (93%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9432, 58.4591, 88.9079 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 61.9432, 58.4591, 88.9079 by changing the saturation by 10% instead.

61.9432, 58.4591,
88.9079

61.9432, 58.4591,
88.9079

421.4447,
418.8945, 544.9500

45.2422, 42.1778,
66.5066

106.7338,
102.5911, 147.7427

31.8504, 29.2406,
48.2247

135.5542,
131.2107, 185.0133

21.4022, 19.2629,
33.6436

169.1451,
164.7118, 228.0775

13.5325, 11.8604,
22.3448

207.8719,
203.4788, 277.3537

7.8757, 6.6487,
13.9097

252.0999,
247.8962, 333.2605

4.0667, 3.2434,
7.9199

302.1944,

1.7399, 1.2601,

298.3484, 396.2165

3.9567

358.5209,
355.2197, 466.6401

■ 0.4811, 0.1100,
1.6016

■ 0.0000, 0.0000,
0.2920

■ 61.9432, 58.4591,
88.9079

■ 61.9432, 58.4591,
88.9079

■ 53.4194, 46.8742,
87.1220

■ 71.6300, 71.9034,
90.9933

■ 46.0053, 37.0567,
85.6178

■ 82.5192, 87.2788,
93.3871

■ 39.6514, 28.9176,
84.3816

■ 91.5809, 98.5140,
95.0781

■ 34.3017, 22.3569,
83.3973

■ 92.4328, 98.9531,
95.1180

■ 29.8945, 17.2640,
82.6465

■ 26.3605, 13.5127,
82.1087

■ 23.6185, 10.9548,
81.7595

■ 21.5510, 9.3691,
81.5624

■ 21.3498, 9.2235,
81.5449

Harmonies

Analogous

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



56.9731, 58.4591, 96.3433



61.9432, 58.4591, 88.9079



65.3411, 58.4591, 74.9400

Triad

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



61.9432, 58.4591, 88.9079



59.3767, 58.4591, 40.6569



46.2586, 58.4591, 67.7394

Complementary

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



61.9432, 58.4591, 88.9079



69.1155, 79.9062, 62.2354

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.



46.8137, 58.4591, 53.5586



61.9432, 58.4591, 88.9079



54.1776, 58.4591, 39.3444

Square

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



61.9432, 58.4591, 88.9079



63.7963, 58.4591, 47.6138



49.6378, 58.4591, 43.6986



48.0716, 58.4591, 82.9393

Rectangle

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



61.9432, 58.4591, 88.9079



66.1435, 58.4591, 64.6278



49.6378, 58.4591, 43.6986



46.1767, 58.4591, 62.6861

Sweetspot

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



61.9450, 58.4616, 88.9092



87.3034, 89.0470, 107.1941



62.6282, 67.9151, 90.6979



18.5127, 18.8153, 22.9059



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.



61.9450, 58.4616, 88.9092



68.1206, 62.4532, 103.0721



68.7652, 61.9775, 89.2284



15.5641, 15.5725, 19.9071



12.0545, 5.2197, 45.5000



1.1155, 0.4923, 3.7904

Inverse Universe

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



66.9866, 61.3815, 74.6493



75.1927, 66.5514, 82.9634



62.9671, 76.7366, 61.9477



16.1404, 15.9059, 18.2957



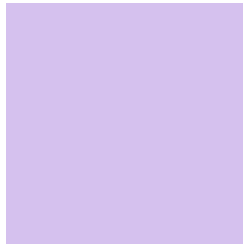
22.0699, 11.1004, 13.5506



1.8860, 0.9435, 1.3906

Previews

White Background



This preview shows how the XYZ color 61.9432, 58.4591, 88.9079 looks on a white background.

Color Contrast Check

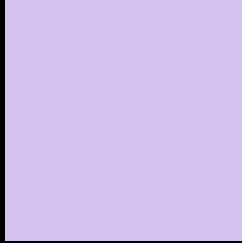
Large Text (above 18pt) WCAG AA × Fail

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 61.9432, 58.4591, 88.9079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

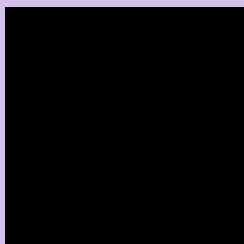
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9432, 58.4591, 88.9079

Background



This preview shows how black text looks on a background with the XYZ color 61.9432, 58.4591, 88.9079.



This preview shows how white text looks on a background with the XYZ color 61.9432, 58.4591,

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

61.9432, 58.4591, 88.9079

Protanopia

58.1887, 58.4641, 92.2222

Deuteranopia

59.6546, 58.2908, 88.2279



Tritanopia

58.2710, 58.2919, 71.1310

Trichromacy



Original Color

61.9432, 58.4591, 88.9079

Protanomaly

59.6629, 58.5627, 91.3783

Deuteranomaly

60.5333, 58.4100, 88.2046

Tritanomaly

59.5031, 58.4554, 77.2541

Monochromacy



Original Color

61.9432, 58.4591, 88.9079

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.7811, 59.5318, 73.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9432, 58.4591, 88.9079 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(213, 193, 238)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 238)  
}
```

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(213, 193, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 238) }
```

Border

The CSS property to change the border of an element to XYZ 61.9432, 58.4591, 88.9079 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(213, 193, 238) }
```


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

```
.border{ border-color:rgb(213, 193, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 238);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9432, 58.4591, 88.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 238) }
```

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

```
.background{ background-color: rgb(213,  
193, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor