

Converting Colors

XYZ(64.2847, 59.6028, 91.4911)

Have a look what the booklet for
XYZ(64.2847, 59.6028, 91.4911)
contains.

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Color

**XYZ(64.1606, 59.5509,
91.3319)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC1F1
RGB	219, 193, 241
RGB Percent	86%, 76%, 95%
CMY	0.1412, 0.2431, 0.0549
CMYK	0.09, 0.20, 0.00, 0.05
HSL	272°, 63%, 85%
HSV	272°, 20%, 95%
XYZ	64.1606, 59.5509, 91.3319
YIQ	206.2460, 0.0880, 20.4400

Conversions

Conversions Part 2

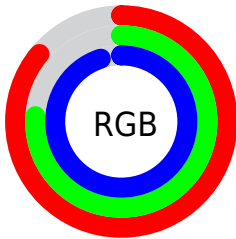
Format	Color
R _{YB}	219, 193, 241
Decimal	14402033
CIE _{Lab}	81.59, 17.95, -20.35
CIE _{LCh}	82, 27.138, 311.409
Yxy	59.5509, 0.2984, 0.2769
Android (android.graphics.Color)	4292592113 (0xFFDBC1F1)
YUV	206.2460, 17.1337, 11.1853
Hunter-Lab	77.1692, 13.3636, -16.1529

Details

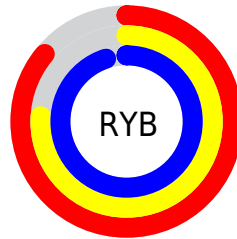
The XYZ color **64.1606, 59.5509, 91.3319** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.1073, 81.2094, 62.4876**, and the grayscale version is **58.7190, 61.7770, 67.2751**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **33.2994, 29.8605, 49.9075** is the 20% darker color. If you saturate the color by 10%, you get **56.0476, 48.0949, 89.5492**, and if you desaturate by 10%, it is **73.3659, 72.8618, 93.4169**.

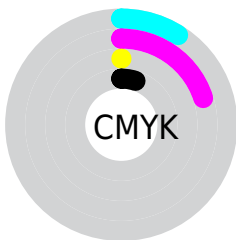
Distribution



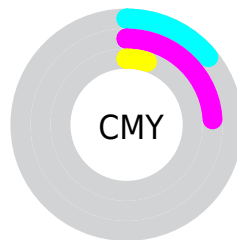
- Red (86%)
- Green (76%)
- Blue (95%)



- Red (86%)
- Yellow (76%)
- Blue (95%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1606, 59.5509, 91.3319 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 64.1606, 59.5509, 91.3319 by changing the saturation by 10% instead.

64.1606, 59.5509,
91.3319

64.1606, 59.5509,
91.3319

429.3624,
422.9404, 553.0355

47.0429, 43.0567,
68.5059

109.9146,
104.1779, 151.1387

33.2777, 29.9296,
49.8402

139.2817,
133.0796, 188.9567

22.4995, 19.7852,
34.9161

173.4626,
166.8858, 232.6090

14.3430, 12.2390,
23.3152

212.8228,
205.9811, 282.5143

8.4429, 6.9067,
14.6190

257.7274,
250.7499, 339.0910

4.4338, 3.4038,
8.4088

308.5420,

1.9504, 1.3460,

301.5764, 402.7578

4.2661

365.6319,
358.8451, 473.9331

■ 0.6059, 0.1764,
1.7724

■ 0.0000, 0.0000,
0.4097

■ 64.1606, 59.5509,
91.3319

■ 64.1606, 59.5509,
91.3319

■ 56.0476, 48.0949,
89.5492

■ 73.3659, 72.8618,
93.4169

■ 48.9752, 38.4002,
88.0507

■ 83.7013, 88.1005,
95.8135

■ 42.8954, 30.3760,
86.8223

■ 91.8333, 98.5927,
97.4101

■ 37.7537, 23.9202,
85.8472

■ 92.8774, 99.1309,
97.4590

■ 33.4900, 18.9193,
85.1066

■ 30.0358, 15.2436,
84.5792

■ 27.3105, 12.7392,
84.2395

■ 25.1827, 11.1513,
84.0451

■ 25.1661, 11.1395,
84.0437

Harmonies

Analogous

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



58.7960, 59.5509, 100.7121



64.1606, 59.5509, 91.3319



67.6321, 59.5509, 75.3660

Triad

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



64.1606, 59.5509, 91.3319



60.1661, 59.5509, 39.4188



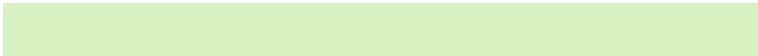
46.5280, 59.5509, 71.2468

Complementary

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



64.1606, 59.5509, 91.3319



69.1073, 81.2094, 62.4876

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.



46.8403, 59.5509, 55.3442



64.1606, 59.5509, 91.3319



54.4619, 59.5509, 38.6934

Square

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



64.1606, 59.5509, 91.3319



65.2213, 59.5509, 46.2247



49.6604, 59.5509, 44.0423



48.7764, 59.5509, 87.8843

Rectangle

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



64.1606, 59.5509, 91.3319



68.2741, 59.5509, 64.0724



49.6604, 59.5509, 44.0423



46.3412, 59.5509, 65.6153

Sweetspot

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



64.1624, 59.5534, 91.3332



87.8287, 89.3178, 107.2187



62.2741, 66.4955, 92.7727



18.6368, 18.8793, 22.9117



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.



64.1624, 59.5534, 91.3332



68.9598, 62.0372, 102.9475



70.9864, 63.0988, 90.4104



15.7153, 15.6505, 19.9142



13.8044, 6.1218, 45.5819



1.2630, 0.5684, 3.7974

Inverse Universe

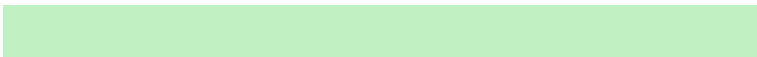
The Inverse Universe completely reimagines the original color for something new.



67.6133, 61.7495, 72.6479



73.6521, 65.0205, 77.6709



63.2549, 78.1716, 63.1505



16.0741, 15.8794, 17.9466



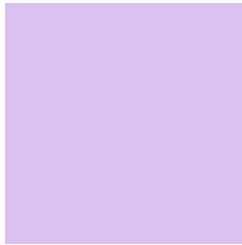
21.2777, 10.7835, 9.3789



1.8197, 0.9169, 1.0416

Previews

White Background



This preview shows how the XYZ color 64.1606, 59.5509, 91.3319 looks on a white background.

Color Contrast Check

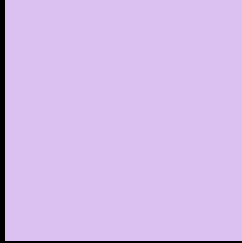
Large Text (above 18pt) WCAG AA × Fail

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 64.1606, 59.5509, 91.3319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

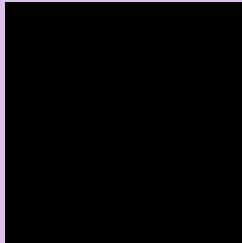
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1606, 59.5509, 91.3319

Background



This preview shows how black text looks on a background with the XYZ color 64.1606, 59.5509, 91.3319.



This preview shows how white text looks on a background with the XYZ color 64.1606, 59.5509,

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

64.1606, 59.5509, 91.3319

Protanopia

59.5135, 59.7646, 95.5878

Deuteranopia

61.0991, 59.6586, 90.7331



Tritanopia

60.2287, 59.6393, 71.2879

Trichromacy



Original Color

64.1606, 59.5509, 91.3319

Protanomaly

60.8803, 59.4764, 93.8593

Deuteranomaly

62.0464, 59.4728, 90.6473

Tritanomaly

61.3781, 59.4065, 78.0437

Monochromacy



Original Color

64.1606, 59.5509, 91.3319

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.5368, 60.7366, 75.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1606, 59.5509, 91.3319 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, 193, 241)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 241)  
}
```

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, 193, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 241) }
```

Border

The CSS property to change the border of an element to XYZ 64.1606, 59.5509, 91.3319 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, 193, 241) }
```


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

```
.border{ border-color:rgb(219, 193, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 193, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 193, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 193, 241);  
box-shadow:4px 4px 4px 4px rgb(219, 193,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1606, 59.5509, 91.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 241) }
```

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

```
.background{ background-color: rgb(219,  
193, 241) }
```

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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