

Converting Colors

XYZ(63.0807, 61.4159, 93.3246)

Have a look what the booklet for
XYZ(63.0807, 61.4159, 93.3246)
contains.

XYZ(63.1264, 61.3349, 93.3057)	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(63.1264, 61.3349,
93.3057)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C8F3
RGB	209, 200, 243
RGB Percent	82%, 78%, 95%
CMY	0.1804, 0.2157, 0.0471
CMYK	0.14, 0.18, 0.00, 0.05
HSL	253°, 64%, 87%
HSV	253°, 18%, 95%
XYZ	63.1264, 61.3349, 93.3057
YIQ	207.5930, -8.4390, 15.2810

Conversions

Conversions Part 2

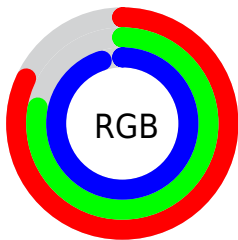
Format	Color
R _Y B	209, 200, 243
Decimal	13748467
CIE _{Lab}	82.56, 11.42, -20.04
CIE _{LCh}	83, 23.065, 299.681
Yxy	61.3349, 0.2899, 0.2817
Android (android.graphics.Color)	4291938547 (0xFFD1C8F3)
YUV	207.5930, 17.4557, 1.2339
Hunter-Lab	78.3166, 6.8243, -15.8160

Details

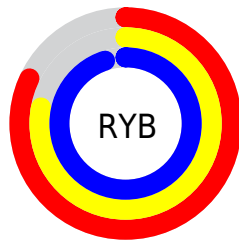
The XYZ color **63.1264, 61.3349, 93.3057** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.4097, 85.7653, 67.1735**, and the grayscale version is **59.5870, 62.6902, 68.2696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5750, 31.0156, 51.2834** is the 20% darker color. If you saturate the color by 10%, you get **52.8274, 48.3258, 91.3385**, and if you desaturate by 10%, it is **74.9793, 76.4759, 95.6045**.

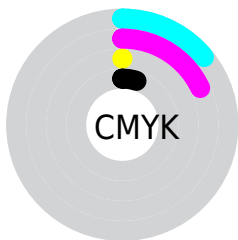
Distribution



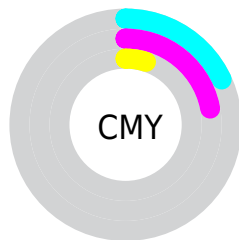
- Red (82%)
- Green (78%)
- Blue (95%)



- Red (82%)
- Yellow (78%)
- Blue (95%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1264, 61.3349, 93.3057 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 63.1264, 61.3349, 93.3057 by changing the saturation by 10% instead.

■ 63.1264, 61.3349,
93.3057

■ 63.1264, 61.3349,
93.3057

425.6805,
429.5009, 559.5717

■ 46.2025, 44.4955,
70.1365

108.4326,
106.7637, 153.8971

■ 32.6109, 31.0602,
51.1604

137.5457,
136.1219, 192.1565

■ 21.9864, 20.6447,
35.9586

171.4525,
170.4218, 236.2830

■ 13.9634, 12.8646,
24.1128

210.5184,
210.0478, 286.6952

■ 8.1768, 7.3353,
15.2043

255.1088,
255.3843, 343.8116

■ 4.2610, 3.6727,
8.8147

305.5891,

■ 1.8508, 1.4922,

306.8157, 408.0508

4.5254

362.3245,
364.7265, 479.8313

■ 0.5480, 0.2832,
1.9178

■ 0.0000, 0.0000,
0.5040

■ 63.1264, 61.3349,
93.3057

■ 63.1264, 61.3349,
93.3057

■ 52.8274, 48.3258,
91.3385

■ 74.9793, 76.4759,
95.6045

■ 44.0112, 37.3447,
89.6836

■ 88.4419, 93.8313,
98.2448

■ 36.6096, 28.2904,
88.3260

■ 93.1778, 99.2511,
99.0414

■ 30.5466, 21.0497,
87.2480

■ 25.7389, 15.4977,
86.4297

■ 22.0931, 11.4930,
85.8489

■ 19.5021, 8.8705,
85.4793

■ 17.8297, 7.4130,
85.2861

■ 17.5356, 7.1711,
85.2549

Harmonies

Analogous

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



58.2441, 61.3349, 97.8357



63.1264, 61.3349, 93.3057



66.8840, 61.3349, 81.4738

Triad

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



63.1264, 61.3349, 93.3057



63.2231, 61.3349, 45.9514



49.3078, 61.3349, 66.6318

Complementary

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



63.1264, 61.3349, 93.3057



76.4097, 85.7653, 67.1735

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.



50.4783, 61.3349, 53.9741



63.1264, 61.3349, 93.3057



58.3499, 61.3349, 43.1132

Square

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



63.1264, 61.3349, 93.3057



66.9420, 61.3349, 54.2022



53.7204, 61.3349, 45.8333



50.4303, 61.3349, 81.1744

Rectangle

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



63.1264, 61.3349, 93.3057



68.1469, 61.3349, 71.7742



53.7204, 61.3349, 45.8333



49.4451, 61.3349, 62.0293

Sweetspot

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



63.1283, 61.3374, 93.3071



87.5042, 90.2709, 107.4198



69.5359, 77.8259, 96.1519



18.5104, 19.0399, 22.9494



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.



63.1283, 61.3374, 93.3071



66.3826, 63.2982, 103.3268



69.4991, 64.6217, 93.6052



15.9052, 16.0938, 20.8107



9.7139, 3.9820, 46.7946



0.9358, 0.3923, 4.1166

Inverse Universe

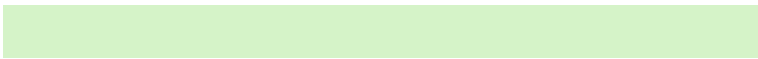
The Inverse Universe completely reimagines the original color for something new.



72.4697, 66.3063, 86.8235



78.5296, 69.7626, 94.7506



69.8894, 82.4040, 66.8684



17.0564, 16.7054, 20.0435



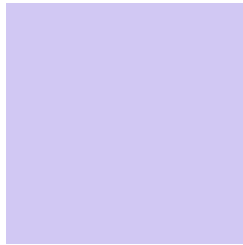
25.5680, 12.5706, 28.7632



2.2836, 1.1194, 2.7196

Previews

White Background



This preview shows how the XYZ color 63.1264, 61.3349, 93.3057 looks on a white background.

Color Contrast Check

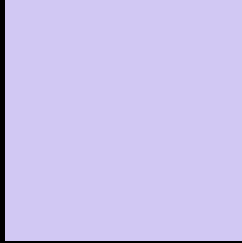
Large Text (above 18pt) WCAG AA × Fail

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 63.1264, 61.3349, 93.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

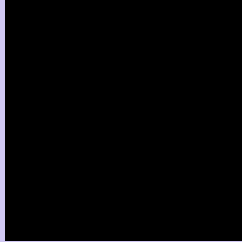
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1264, 61.3349, 93.3057

Background



This preview shows how black text looks on a background with the XYZ color 63.1264, 61.3349, 93.3057.

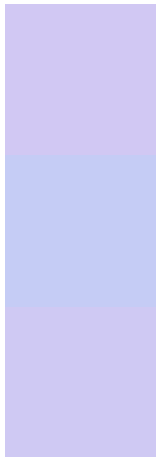


This preview shows how white text looks on a background with the XYZ color 63.1264, 61.3349,

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

63.1264, 61.3349, 93.3057

Protanopia

61.1003, 61.6486, 95.0652

Deuteranopia

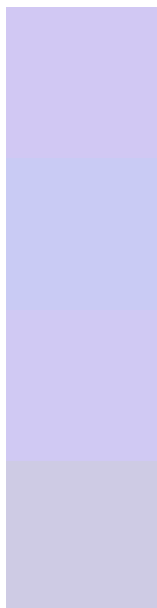
62.7964, 61.5098, 93.3569



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

63.1264, 61.3349, 93.3057

Protanomaly

61.7725, 61.6610, 94.2340

Deuteranomaly

63.0767, 61.6542, 93.3700

Tritanomaly

60.8131, 61.4351, 82.0518

Monochromacy



Original Color

63.1264, 61.3349, 93.3057

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.8949, 62.2930, 77.2209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1264, 61.3349, 93.3057 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(209, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(209, 200, 243)  
}
```

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(209, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 200, 243) }
```

Border

The CSS property to change the border of an element to XYZ 63.1264, 61.3349, 93.3057 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(209, 200, 243) }
```


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

```
.border{ border-color:rgb(209, 200, 243) }
```

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

Here you see how a box with a 4 pixel rgb(209, 200, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 200, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 200, 243);  
box-shadow:4px 4px 4px 4px rgb(209, 200,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1264, 61.3349, 93.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 200, 243) }
```

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

```
.background{ background-color: rgb(209,  
200, 243) }
```

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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