

Converting Colors

XYZ(63.0273, 62.3214, 92.7373)

Have a look what the booklet for
XYZ(63.0273, 62.3214, 92.7373)
contains.

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Color

**XYZ(63.1151, 62.3881,
92.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBF2
RGB	207, 203, 242
RGB Percent	81%, 80%, 95%
CMY	0.1882, 0.2039, 0.0510
CMYK	0.14, 0.16, 0.00, 0.05
HSL	246°, 60%, 87%
HSV	246°, 16%, 95%
XYZ	63.1151, 62.3881, 92.7200
YIQ	208.6420, -10.1350, 12.9770

Conversions

Conversions Part 2

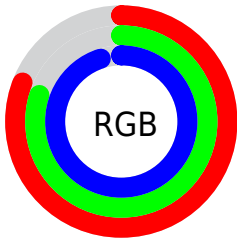
Format	Color
R _Y B	207, 203, 242
Decimal	13618162
CIE Lab	83.12, 8.98, -18.67
CIE LCh	83, 20.720, 295.676
Yxy	62.3881, 0.2892, 0.2859
Android (android.graphics.Color)	4291808242 (0xFFFCFCBF2)
YUV	208.6420, 16.4455, -1.4400
Hunter-Lab	78.9861, 4.4075, -14.3089

Details

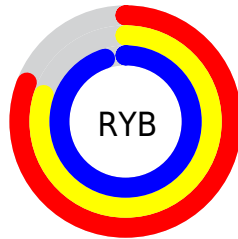
The XYZ color **63.1151, 62.3881, 92.7200** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7937, 85.9948, 69.0013**, and the grayscale version is **60.2738, 63.4128, 69.0565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5593, 31.7155, 50.8600** is the 20% darker color. If you saturate the color by 10%, you get **52.1841, 48.9223, 90.6980**, and if you desaturate by 10%, it is **75.7767, 78.0734, 95.0812**.

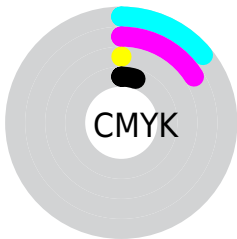
Distribution



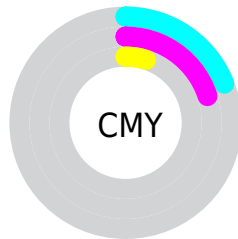
- Red (81%)
- Green (80%)
- Blue (95%)



- Red (81%)
- Yellow (80%)
- Blue (95%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1151, 62.3881, 92.7200 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 63.1151, 62.3881, 92.7200 by changing the saturation by 10% instead.

■ 63.1151, 62.3881,
92.7200

■ 63.1151, 62.3881,
92.7200

425.6401,
433.3453, 557.6365

■ 46.1933, 45.3464,
69.6524

108.4164,
108.2862, 153.0792

■ 32.6037, 31.7303,
50.7682

137.5267,
137.9115, 191.2080

■ 21.9808, 21.1556,
35.6487

171.4305,
172.4999, 235.1943

■ 13.9593, 13.2378,
23.8755

210.4932,
212.4361, 285.4565

■ 8.1739, 7.5925,
15.0299

255.0802,
258.1043, 342.4133

■ 4.2592, 3.8353,
8.6935

305.5567,

■ 1.8498, 1.5819,

309.8890, 406.4832

4.4478

362.2883,
368.1745, 478.0848

■ 0.5474, 0.3453,
1.8741

■ 0.0000, 0.0000,
0.4762

■ 63.1151, 62.3881,
92.7200

■ 63.1151, 62.3881,
92.7200

■ 52.1841, 48.9223,
90.6980

■ 75.7767, 78.0734,
95.0812

■ 42.9028, 37.5683,
88.9956

■ 90.2336, 96.0641,
97.7918

■ 35.1924, 28.2209,
87.5978

■ 93.0272, 99.1909,
98.2481

■ 28.9654, 20.7631,
86.4864

■ 24.1257, 15.0654,
85.6418

■ 20.5657, 10.9820,
85.0412

■ 18.1617, 8.3437,
84.6587

■ 16.7644, 6.9425,
84.4619

■ 16.4234, 6.6151,
84.4166

Harmonies

Analogous

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



58.6499, 62.3881, 95.6660



63.1151, 62.3881, 92.7200



66.7121, 62.3881, 82.8363

Triad

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



63.1151, 62.3881, 92.7200



64.2969, 62.3881, 49.4998



51.1047, 62.3881, 66.0840

Complementary

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



63.1151, 62.3881, 92.7200



77.7937, 85.9948, 69.0013

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.



52.4547, 62.3881, 54.9287



63.1151, 62.3881, 92.7200



59.9509, 62.3881, 46.1512

Square

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



63.1151, 62.3881, 92.7200



67.4182, 62.3881, 57.7772



55.6380, 62.3881, 48.0065



51.8575, 62.3881, 79.2076

Rectangle

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



63.1151, 62.3881, 92.7200



68.0560, 62.3881, 74.2281



55.6380, 62.3881, 48.0065



51.3256, 62.3881, 61.9987

Sweetspot

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



63.1170, 62.3907, 92.7214



87.0313, 90.0271, 107.3977



71.2612, 80.3163, 95.7521



18.3959, 18.9808, 22.9440



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.



63.1170, 62.3907, 92.7214



67.2662, 65.5532, 103.7155



68.8747, 65.3589, 92.9908



15.0476, 15.3062, 19.8829



8.8749, 3.5806, 45.3512



0.7882, 0.3236, 3.7751

Inverse Universe

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



73.4086, 67.7648, 90.1026



80.7045, 72.5721, 100.2240



71.6268, 82.8157, 68.7127



16.3803, 16.0019, 19.5591



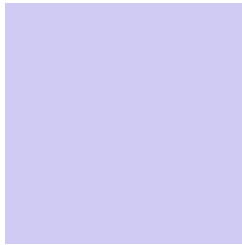
26.4429, 12.8496, 36.5783



2.2198, 1.0770, 3.1481

Previews

White Background



This preview shows how the XYZ color 63.1151, 62.3881, 92.7200 looks on a white background.

Color Contrast Check

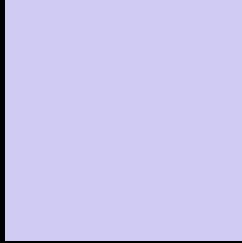
Large Text (above 18pt) WCAG AA × Fail

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 63.1151, 62.3881, 92.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

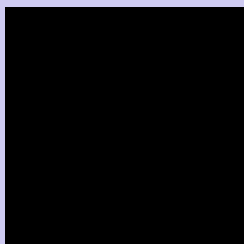
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1151, 62.3881, 92.7200

Background



This preview shows how black text looks on a background with the XYZ color 63.1151, 62.3881, 92.7200.



This preview shows how white text looks on a background with the XYZ color 63.1151, 62.3881,

92.7200.

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

63.1151, 62.3881, 92.7200

Protanopia

61.5622, 62.2758, 93.5698

Deuteranopia

63.7259, 62.3535, 92.6811



Tritanopia

60.2924, 62.3077, 78.6609

Trichromacy



Original Color

63.1151, 62.3881, 92.7200

Protanomaly

62.1276, 62.2134, 93.5279

Deuteranomaly

63.4420, 62.2072, 92.6678

Tritanomaly

61.2911, 62.3550, 83.6682

Monochromacy



Original Color

63.1151, 62.3881, 92.7200

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3764, 63.2560, 77.3814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1151, 62.3881, 92.7200 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(207, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 242)  
}
```

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(207, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 242) }
```

Border

The CSS property to change the border of an element to XYZ 63.1151, 62.3881, 92.7200 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(207, 203, 242) }
```


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

```
.border{ border-color:rgb(207, 203, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 203, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 242);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1151, 62.3881, 92.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 242) }
```

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

```
.background{ background-color: rgb(207,  
203, 242) }
```

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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