

Converting Colors

XYZ(66.3679, 63.2610, 91.7307)

Have a look what the booklet for
XYZ(66.3679, 63.2610, 91.7307)
contains.

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Color

**XYZ(66.5826, 63.4963,
91.9658)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC9F1
RGB	221, 201, 241
RGB Percent	87%, 79%, 95%
CMY	0.1333, 0.2117, 0.0549
CMYK	0.08, 0.17, 0.00, 0.05
HSL	270°, 59%, 87%
HSV	270°, 17%, 95%
XYZ	66.5826, 63.4963, 91.9658
YIQ	211.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

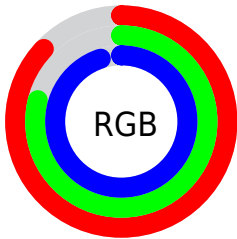
Format	Color
R _Y B	221, 201, 241
Decimal	14535153
CIE _{Lab}	83.70, 14.31, -17.15
CIE _{LCh}	84, 22.337, 309.836
Yxy	63.4963, 0.2999, 0.2860
Android (android.graphics.Color)	4292725233 (0xFFDDC9F1)
YUV	211.5400, 14.5238, 8.2964
Hunter-Lab	79.6846, 9.7025, -12.6488

Details

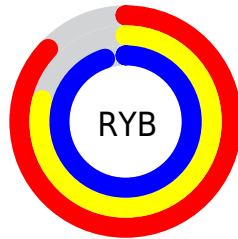
The XYZ color **66.5826, 63.4963, 91.9658** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.8189, 82.5014, 67.4005**, and the grayscale version is **62.1830, 65.4213, 71.2438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9166, 32.4772, 50.3274** is the 20% darker color. If you saturate the color by 10%, you get **57.8614, 51.3058, 90.0734**, and if you desaturate by 10%, it is **76.4525, 77.5907, 94.1671**.

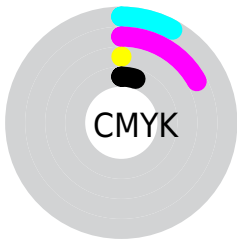
Distribution



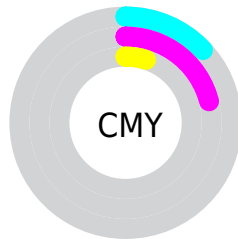
- Red (87%)
- Green (79%)
- Blue (95%)



- Red (87%)
- Yellow (79%)
- Blue (95%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5826, 63.4963, 91.9658 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 66.5826, 63.4963, 91.9658 by changing the saturation by 10% instead.

■ 66.5826, 63.4963,
91.9658

■ 66.5826, 63.4963,
91.9658

437.9134,
437.3684, 555.1392

■ 49.0149, 46.2428,
69.0294

113.3752,
109.8852, 152.0253

■ 34.8459, 32.4375,
50.2637

143.3309,
139.7894, 189.9854

■ 23.7102, 21.6959,
35.2503

178.1466,
174.6794, 233.7905

■ 15.2423, 13.6336,
23.5707

218.1877,
214.9394, 283.8590

■ 9.0771, 7.8663,
14.8062

263.8196,
260.9539, 340.6097

■ 4.8490, 4.0095,
8.5384

315.4077,

■ 2.1928, 1.6789,

313.1073, 404.4609

4.3487

373.3171,
371.7840, 475.8312

■ 0.7389, 0.4099,
1.8185

■ 0.0000, 0.0000,
0.4401

■ 66.5826, 63.4963,
91.9658

■ 66.5826, 63.4963,
91.9658

■ 57.8614, 51.3058,
90.0734

■ 76.4525, 77.5907,
94.1671

■ 50.2365, 40.9264,
88.4719

■ 87.5088, 93.6603,
96.6861

■ 43.6601, 32.2693,
87.1475

■ 92.8774, 99.1309,
97.4591

■ 38.0779, 25.2350,
86.0840

■ 33.4303, 19.7133,
85.2631

■ 29.6505, 15.5798,
84.6645

■ 26.6608, 12.6890,
84.2641

■ 24.3650, 10.8586,
84.0318

■ 23.6917, 10.3794,
83.9748

Harmonies

Analogous

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



61.9732, 63.4963, 99.2368



66.5826, 63.4963, 91.9658



69.6232, 63.4963, 78.8495

Triad

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



66.5826, 63.4963, 91.9658



63.6538, 63.4963, 46.7978



51.5458, 63.4963, 73.8436

Complementary

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



66.5826, 63.4963, 91.9658



71.8189, 82.5014, 67.4005

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.



51.9415, 63.4963, 60.2562



66.5826, 63.4963, 91.9658



58.7580, 63.4963, 45.8364

Square

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



66.5826, 63.4963, 91.9658



67.8698, 63.4963, 53.2692



54.5215, 63.4963, 50.4375



53.4097, 63.4963, 87.8783

Rectangle

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



66.5826, 63.4963, 91.9658



70.2595, 63.4963, 69.2140



54.5215, 63.4963, 50.4375



51.4214, 63.4963, 69.0594

Sweetspot

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



66.5845, 63.4990, 91.9672



88.8098, 90.9440, 107.4809



65.9997, 70.8364, 93.4143



18.8271, 19.2032, 22.9642



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.



66.5845, 63.4990, 91.9672



72.1153, 67.1459, 103.7673



72.8141, 66.7104, 92.2587



15.6503, 15.6169, 19.9111



13.0030, 5.7087, 45.5444



1.1965, 0.5341, 3.7942

Inverse Universe

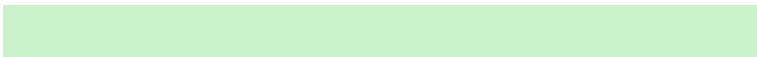
The Inverse Universe completely reimagines the original color for something new.



70.2156, 65.6973, 77.3897



77.0459, 70.1309, 83.9723



66.2672, 79.6394, 67.1407



16.1024, 15.8907, 18.0957



21.5947, 10.9103, 11.0484



1.8467, 0.9277, 1.1836

Previews

White Background



This preview shows how the XYZ color 66.5826, 63.4963, 91.9658 looks on a white background.

Color Contrast Check

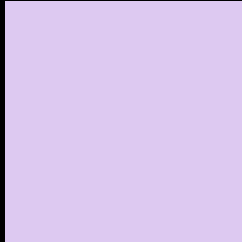
Large Text (above 18pt) WCAG AA × Fail

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 66.5826, 63.4963, 91.9658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

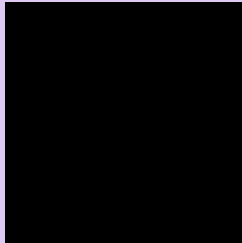
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5826, 63.4963, 91.9658

Background



This preview shows how black text looks on a background with the XYZ color 66.5826, 63.4963, 91.9658.



This preview shows how white text looks on a background with the XYZ color 66.5826, 63.4963,

91.9658.

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

66.5826, 63.4963, 91.9658

Protanopia

62.8816, 63.6357, 95.3549

Deuteranopia

65.2016, 63.8327, 92.1035



Tritanopia

63.7959, 63.7885, 77.3566

Trichromacy



Original Color

66.5826, 63.4963, 91.9658

Protanomaly

64.1729, 63.6042, 94.4825

Deuteranomaly

65.8484, 63.8145, 92.0659

Tritanomaly

64.8099, 63.8472, 82.3067

Monochromacy



Original Color

66.5826, 63.4963, 91.9658

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8995, 64.8865, 78.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5826, 63.4963, 91.9658 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(221, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(221, 201, 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(221, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 201, 241) }
```

Border

The CSS property to change the border of an element to XYZ 66.5826, 63.4963, 91.9658 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(221, 201, 241) }
```


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

```
.border{ border-color:rgb(221, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(221, 201,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5826, 63.4963, 91.9658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 201, 241) }
```

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

```
.background{ background-color: rgb(221,  
201, 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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