

Converting Colors

XYZ(65.7872, 67.7943, 92.0563)

Have a look what the booklet for
XYZ(65.7872, 67.7943, 92.0563)
contains.

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Color

**XYZ(65.7872, 67.7943,
92.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D6F0
RGB	208, 214, 240
RGB Percent	82%, 84%, 94%
CMY	0.1843, 0.1608, 0.0588
CMYK	0.13, 0.11, 0.00, 0.06
HSL	229°, 52%, 88%
HSV	229°, 13%, 94%
XYZ	65.7872, 67.7943, 92.0563
YIQ	215.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

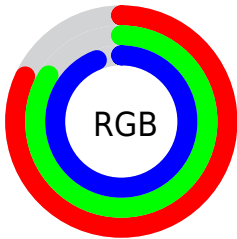
Format	Color
R _{YB}	208, 213, 240
Decimal	13686512
CIE Lab	85.90, 3.05, -13.42
CIE LCh	86, 13.762, 282.796
Yxy	67.7943, 0.2916, 0.3005
Android (android.graphics.Color)	4291876592 (0xFFD0D6F0)
YUV	215.1700, 12.2412, -6.2881
Hunter-Lab	82.3373, -1.4694, -8.6524

Details

The XYZ color **65.7872, 67.7943, 92.0563** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.7436, 81.9247, 71.4443**, and the grayscale version is **64.6336, 67.9996, 74.0515**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1867, 35.0293, 50.3069** is the 20% darker color. If you saturate the color by 10%, you get **54.9008, 55.2914, 90.2178**, and if you desaturate by 10%, it is **78.2894, 82.0106, 94.1425**.

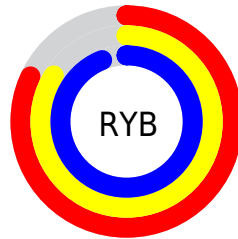
Distribution



Red (82%)

Green (84%)

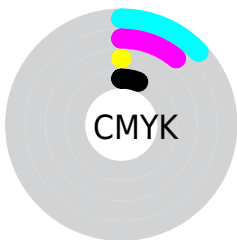
Blue (94%)



Red (82%)

Yellow (84%)

Blue (94%)

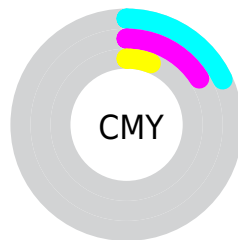


Cyan (13%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (18%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7872, 67.7943, 92.0563 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 65.7872, 67.7943, 92.0563 by changing the saturation by 10% instead.

■ 65.7872, 67.7943,
92.0563

■ 65.7872, 67.7943,
92.0563

435.1161,
452.7669, 555.4392

■ 48.3667, 49.7304,
69.1041

112.2403,
116.0578, 152.1518

■ 34.3299, 35.1992,
50.3242

142.0036,
147.0262, 190.1322

■ 23.3112, 23.8164,
35.2981

176.6119,
183.0650, 233.9590

■ 14.9454, 15.1975,
23.6072

216.4306,
224.5584, 284.0509

■ 8.8672, 8.9581,
14.8330

261.8250,
271.8909, 340.8263

■ 4.7111, 4.7139,
8.5569

313.1605,

■ 2.1117, 2.0804,

325.4469, 404.7038

4.3605

370.8024,
385.6107, 476.1019

■ 0.6956, 0.6536,
1.8251

■ 0.0000, 0.0000,
0.4445

■ 65.7872, 67.7943,
92.0563

■ 65.7872, 67.7943,
92.0563

■ 54.9008, 55.2914,
90.2178

■ 78.2894, 82.0106,
94.1425

■ 45.5576, 44.4283,
88.6135

■ 92.0940, 97.8026,
96.4630

■ 37.6885, 35.1386,
87.2352

■ 92.7284, 99.0714,
96.6745

■ 31.2165, 27.3479,
86.0725

■ 26.0578, 20.9757,
85.1144

■ 22.1190, 15.9337,
84.3488

■ 19.2937, 12.1229,
83.7622

■ 17.4561, 9.4296,
83.3392

■ 16.6675, 8.1696,
83.1375

Harmonies

Analogous

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



62.6616, 67.7943, 91.6568



65.7872, 67.7943, 92.0563



68.6395, 67.7943, 87.2899

Triad

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



65.7872, 67.7943, 92.0563



68.9836, 67.7943, 62.6480



58.8222, 67.7943, 68.8040

Complementary

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



65.7872, 67.7943, 92.0563



76.7436, 81.9247, 71.4443

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.



60.4086, 67.7943, 61.8061



65.7872, 67.7943, 92.0563



66.2445, 67.7943, 58.4557

Square

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



65.7872, 67.7943, 92.0563



70.5249, 67.7943, 70.0410



63.1043, 67.7943, 58.1607



58.7089, 67.7943, 77.7252

Rectangle

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



65.7872, 67.7943, 92.0563



69.9746, 67.7943, 82.0336



63.1043, 67.7943, 58.1607



59.1985, 67.7943, 66.1673

Sweetspot

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



65.7892, 67.7971, 92.0578



88.8096, 92.9428, 107.8667



71.9677, 81.6488, 89.5088



18.7651, 19.6173, 23.0474



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.



65.7892, 67.7971, 92.0578



71.9223, 73.7109, 105.0447



67.0794, 66.2484, 91.6909



15.1371, 15.7084, 19.9558



9.1945, 4.6133, 45.5337



0.8305, 0.5150, 3.8099

Inverse Universe

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



70.6303, 68.4937, 73.1195



78.5024, 74.7205, 79.2891



75.3081, 83.7647, 71.8751



15.8939, 15.8073, 16.9976



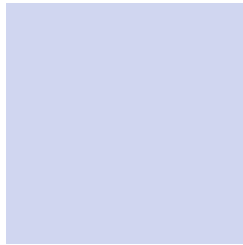
19.9666, 10.2591, 2.4747



1.6942, 0.8667, 0.3803

Previews

White Background



This preview shows how the XYZ color 65.7872, 67.7943, 92.0563 looks on a white background.

Color Contrast Check

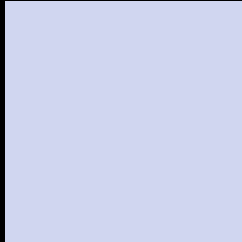
Large Text (above 18pt) WCAG AA × Fail

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 65.7872, 67.7943, 92.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

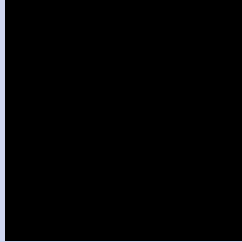
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7872, 67.7943, 92.0563

Background



This preview shows how black text looks on a background with the XYZ color 65.7872, 67.7943, 92.0563.

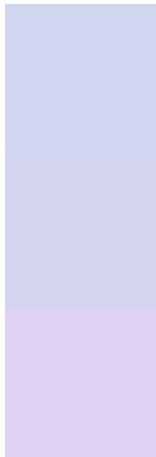


This preview shows how white text looks on a background with the XYZ color 65.7872, 67.7943,

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

65.7872, 67.7943, 92.0563

Protanopia

66.2382, 67.6694, 91.2317

Deuteranopia

69.1091, 67.6398, 92.6324



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

65.7872, 67.7943, 92.0563

Protanomaly

65.9526, 67.5221, 91.2184

Deuteranomaly

68.0849, 67.8448, 92.7260

Tritanomaly

65.0280, 67.8644, 88.2691

Monochromacy



Original Color

65.7872, 67.7943, 92.0563

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9064, 67.9797, 80.2215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7872, 67.7943, 92.0563 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(208, 214, 240) looks like.

```
.text, #text, p{  
    color:rgb(208, 214, 240)  
}
```

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(208, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 214, 240) }
```

Border

The CSS property to change the border of an element to XYZ 65.7872, 67.7943, 92.0563 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(208, 214, 240) }
```


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

```
.border{ border-color:rgb(208, 214, 240) }
```

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

Here you see how a box with a 4 pixel rgb(208, 214, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(208, 214,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7872, 67.7943, 92.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 214, 240) }
```

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

```
.background{ background-color: rgb(208,  
214, 240) }
```

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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