

Converting Colors

XYZ(65.6085, 64.6811,
102.6172)

Have a look what the booklet for
XYZ(65.6085, 64.6811, 102.6172)
contains.

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Color

**XYZ(65.4143, 64.4202,
102.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	CECEFE
RGB	206, 206, 254
RGB Percent	81%, 81%, 100%
CMY	0.1921, 0.1921, 0.0039
CMYK	0.19, 0.19, 0.00, 0.00
HSL	240°, 96%, 90%
HSV	240°, 19%, 100%
XYZ	65.4143, 64.4202, 102.7526
YIQ	211.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

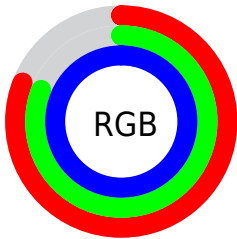
Format	Color
R _{YB}	206, 206, 254
Decimal	13553406
CIE _{Lab}	84.18, 9.62, -23.44
CIE _{LCh}	84, 25.340, 292.316
Y _{xy}	64.4202, 0.2812, 0.2770
Android (android.graphics.Color)	4291743486 (0xFFCECFE)
YUV	211.4720, 20.9663, -4.7989
Hunter-Lab	80.2622, 5.0200, -19.7202

Details

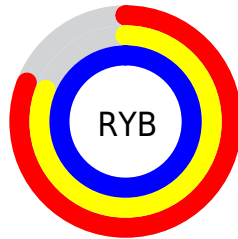
The XYZ color **65.4143, 64.4202, 102.7526** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.4560, 96.4106, 72.3939**, and the grayscale version is **62.1036, 65.3378, 71.1528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0688, 33.0670, 57.4103** is the 20% darker color. If you saturate the color by 10%, you get **53.2963, 49.8191, 100.5740**, and if you desaturate by 10%, it is **79.6638, 81.5899, 105.3167**.

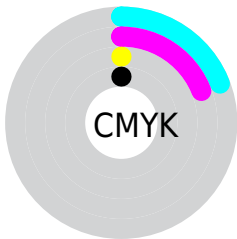
Distribution



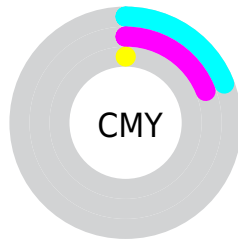
- Red (81%)
- Green (81%)
- Blue (100%)



- Red (81%)
- Yellow (81%)
- Blue (100%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4143, 64.4202, 102.7526 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 65.4143, 64.4202, 102.7526 by changing the saturation by 10% instead.

■ 65.4143, 64.4202,
102.7526

■ 65.4143, 64.4202,
102.7526

433.8010,
440.7055, 590.3041

■ 48.0630, 46.9911,
77.9717

111.7077,
111.2159, 167.0195

■ 34.0883, 33.0286,
57.5344

141.3805,
141.3512, 207.3426

■ 23.1246, 22.1484,
41.0222

175.8913,
176.4908, 253.6835

■ 14.8068, 13.9660,
28.0166

215.6053,
217.0189, 306.4608

■ 8.7693, 8.0970,
18.0990

260.8879,
263.3201, 366.0929

■ 4.6469, 4.1571,
10.8509

312.1045,

■ 2.0742, 1.7618,

315.7786, 432.9985

5.8538

369.6204,
374.7790, 507.5960

■ 0.6751, 0.4632,
2.6890

■ 0.0000, 0.0000,
0.9379

■ 65.4143, 64.4202,
102.7526

■ 65.4143, 64.4202,
102.7526

■ 53.2963, 49.8191,
100.5740

■ 79.6638, 81.5899,
105.3167

■ 43.2018, 37.6559,
98.7583

94.8896, 99.9358,
108.0553

■ 35.0222, 27.8001,
97.2871

■ 28.6368, 20.1060,
96.1385

■ 23.9109, 14.4115,
95.2885

■ 20.6907, 10.5313,
94.7092

■ 18.7943, 8.2461,
94.3681

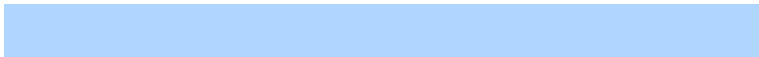
■ 17.9552, 7.2350,
94.2172

■ 17.8897, 7.1561,
94.2054

Harmonies

Analogous

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



59.7994, 64.4202, 105.3996



65.4143, 64.4202, 102.7526



70.1623, 64.4202, 90.7573

Triad

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



65.4143, 64.4202, 102.7526



68.0581, 64.4202, 48.4385



51.1563, 64.4202, 66.0952

Complementary

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



65.4143, 64.4202, 102.7526



87.4560, 96.4106, 72.3939

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.



53.0890, 64.4202, 52.9129



65.4143, 64.4202, 102.7526



62.6821, 64.4202, 43.7815

Square

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



65.4143, 64.4202, 102.7526



71.7525, 64.4202, 59.0616



57.2270, 64.4202, 45.2845



51.7891, 64.4202, 82.5297

Rectangle

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



65.4143, 64.4202, 102.7526



72.0841, 64.4202, 79.9444



57.2270, 64.4202, 45.2845



51.5231, 64.4202, 61.1767

Sweetspot

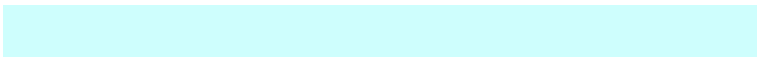
The Sweet Spot groups the original color and five complimentary colors.



65.4163, 64.4228, 102.7541



84.9554, 87.8369, 107.0843



78.6583, 91.1113, 106.5372



17.9594, 18.5301, 22.8801



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.



65.4163, 64.4228, 102.7541



60.7256, 58.6418, 102.7262



72.3391, 67.9910, 103.0779



17.0032, 17.3779, 22.7081



9.4316, 3.7728, 49.6657



0.9183, 0.3674, 4.8358

Inverse Universe

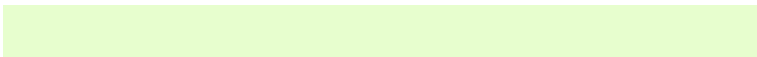
The Inverse Universe completely reimagines the original color for something new.



74.0866, 69.6714, 67.9386



71.0629, 64.8995, 61.2165



79.4742, 92.2968, 72.0205



18.0095, 17.9871, 18.6671



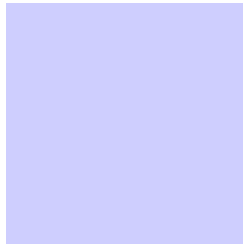
21.5488, 11.1088, 1.0087



2.0981, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 65.4143, 64.4202, 102.7526 looks on a white background.

Color Contrast Check

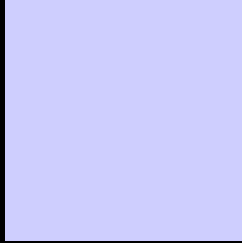
Large Text (above 18pt) WCAG AA × Fail

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 65.4143, 64.4202, 102.7526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

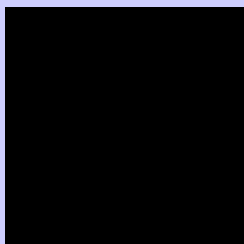
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4143, 64.4202, 102.7526

Background



This preview shows how black text looks on a background with the XYZ color 65.4143, 64.4202, 102.7526.

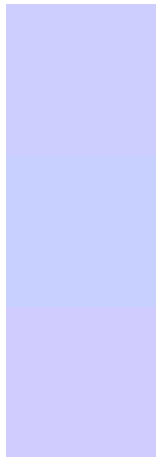


This preview shows how white text looks on a background with the XYZ color 65.4143, 64.4202,

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

65.4143, 64.4202, 102.7526

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

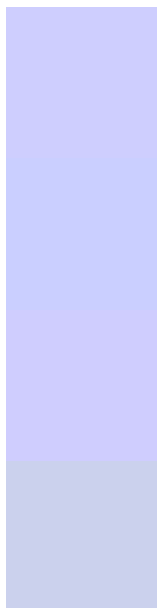
65.7331, 64.2283, 102.6987



Tritanopia

61.2468, 64.5521, 81.9048

Trichromacy



Original Color

65.4143, 64.4202, 102.7526

Protanomaly

64.7199, 64.4022, 103.6275

Deuteranomaly

65.4528, 64.0838, 102.6856

Tritanomaly

62.7151, 64.4119, 89.2481

Monochromacy



Original Color

65.4143, 64.4202, 102.7526

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9601, 64.7023, 81.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4143, 64.4202, 102.7526 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(206, 206, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 254)  
}
```

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(206, 206, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 254) }
```

Border

The CSS property to change the border of an element to XYZ 65.4143, 64.4202, 102.7526 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(206, 206, 254) }
```


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

```
.border{ border-color:rgb(206, 206, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4143, 64.4202, 102.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 254) }
```

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

```
.background{ background-color: rgb(206,  
206, 254) }
```

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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