

# Converting Colors

XYZ(62.0359, 62.9110, 92.0925)

Have a look what the booklet for  
XYZ(62.0359, 62.9110, 92.0925)  
contains.

<b>XYZ(62.0359, 62.9110, 92.0925)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(62.0359, 62.9110,  
92.0925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9CEF1
RGB	201, 206, 241
RGB Percent	79%, 81%, 95%
CMY	0.2118, 0.1921, 0.0549
CMYK	0.17, 0.15, 0.00, 0.05
HSL	232°, 59%, 87%
HSV	232°, 17%, 95%
XYZ	62.0359, 62.9110, 92.0925
YIQ	208.4950, -14.2150, 9.8250

# Conversions

## Conversions Part 2

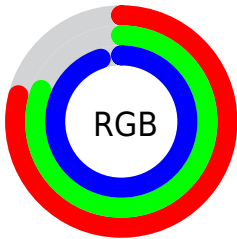
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	201, 205, 241
Decimal	13225713
CIE Lab	83.40, 5.29, -17.77
CIE LCh	83, 18.539, 286.568
Yxy	62.9110, 0.2858, 0.2899
Android (android.graphics.Color)	4291415793 (0xFFC9CEF1)
YUV	208.4950, 16.0250, -6.5731
Hunter-Lab	79.3165, 0.8067, -13.3187

# Details

The XYZ color **62.0359, 62.9110, 92.0925** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.8142, 82.9086, 67.2143**, and the grayscale version is **60.1828, 63.3170, 68.9523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0178, 32.1623, 50.4194** is the 20% darker color. If you saturate the color by 10%, you get **51.3185, 50.3503, 90.2339**, and if you desaturate by 10%, it is **74.4546, 77.3628, 94.2285**.

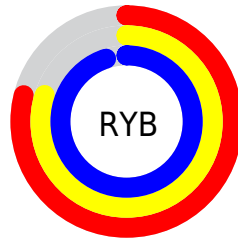
# Distribution



Red (79%)

Green (81%)

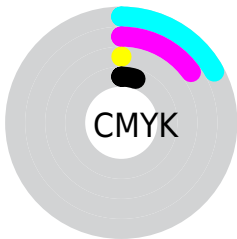
Blue (95%)



Red (79%)

Yellow (80%)

Blue (95%)

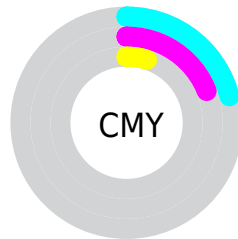


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (19%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0359, 62.9110, 92.0925 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 62.0359, 62.9110, 92.0925 by changing the saturation by 10% instead.



■ 62.0359, 62.9110,  
92.0925

■ 62.0359, 62.9110,  
92.0925

421.7775,  
435.2464, 555.5592

■ 45.3174, 45.7692,  
69.1340

106.8671,  
109.0411, 152.2024

■ 31.9099, 32.0637,  
50.3484

135.7104,  
138.7982, 190.1909

■ 21.4479, 21.4102,  
35.3172

169.3262,  
173.5292, 234.0264

■ 13.5661, 13.4242,  
23.6218

208.0796,  
213.6185, 284.1276

■ 7.8992, 7.7213,  
14.8437

252.3361,  
259.4505, 340.9129

■ 4.0818, 3.9171,  
8.5644

302.4610,

■ 1.7485, 1.6273,

311.4095, 404.8009

4.3652

358.8197,  
369.8800, 476.2102

■ 0.4863, 0.3759,  
1.8278

■ 0.0000, 0.0000,  
0.4462

■ 62.0359, 62.9110,  
92.0925

■ 62.0359, 62.9110,  
92.0925

■ 51.3185, 50.3503,  
90.2339

■ 74.4546, 77.3628,  
94.2285

■ 42.2224, 39.5948,  
88.6373

■ 88.6385, 93.7717,  
96.6481

■ 34.6698, 30.5634,  
87.2922

■ 92.8774, 99.1310,  
97.4591

■ 28.5742, 23.1657,  
86.1855

■ 23.8405, 17.3030,  
85.3034

■ 20.3620, 12.8658,  
84.6303

■ 18.0158, 9.7296,  
84.1486

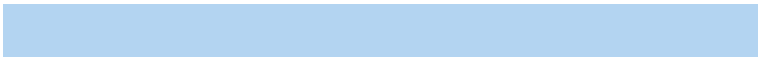
■ 16.6514, 7.7467,  
83.8377

■ 16.3452, 7.2865,  
83.7651

# Harmonies

## Analogous

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



58.0100, 62.9110, 92.4767



62.0359, 62.9110, 92.0925



65.6109, 62.9110, 84.9474

# Triad

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



62.0359, 62.9110, 92.0925



65.2918, 62.9110, 53.5908



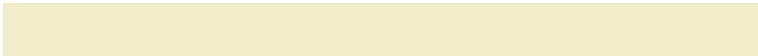
52.5584, 62.9110, 63.4642

# Complementary

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



62.0359, 62.9110, 92.0925



76.8142, 82.9086, 67.2143

# 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.



54.3334, 62.9110, 54.3246



62.0359, 62.9110, 92.0925



61.6163, 62.9110, 49.0723

# Square

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



62.0359, 62.9110, 92.0925



67.5478, 62.9110, 62.3537



57.6088, 62.9110, 49.3249



52.6594, 62.9110, 75.0361



# Rectangle

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



62.0359, 62.9110, 92.0925



67.2036, 62.9110, 77.7252



57.6088, 62.9110, 49.3249



52.9519, 62.9110, 60.0341

# Sweetspot

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



62.0378, 62.9136, 92.0939



87.0577, 90.7493, 107.5357



70.6359, 81.3661, 91.0866



18.4023, 19.1555, 22.9774



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.



62.0378, 62.9136, 92.0939



66.0918, 66.3374, 103.9287



64.9857, 62.6739, 91.8923



15.0565, 15.5472, 19.9289



8.9155, 4.0552, 45.4407



0.7924, 0.4388, 3.7971



# Inverse Universe

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



68.3044, 64.9319, 67.3285



74.5129, 69.1177, 70.6337



73.4678, 83.3515, 67.4761



15.8532, 15.7910, 16.7833



19.8257, 10.2027, 1.7329

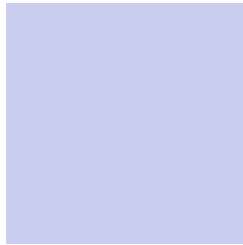


1.6749, 0.8590, 0.2790



# Previews

## White Background



This preview shows how the XYZ color 62.0359, 62.9110, 92.0925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

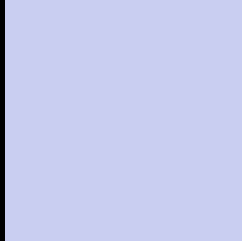
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.0359, 62.9110, 92.0925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

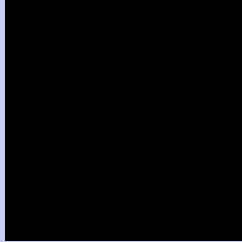
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.0359, 62.9110, 92.0925

## Background



This preview shows how black text looks on a background with the XYZ color 62.0359, 62.9110, 92.0925.



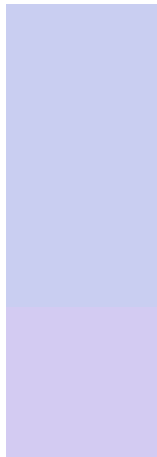
This preview shows how white text looks on a background with the XYZ color 62.0359, 62.9110,



# 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

62.0359, 62.9110, 92.0925

### Protanopia

62.0359, 62.9110, 92.0925

### Deuteranopia

64.2469, 62.9716, 92.7730



## Tritanopia

59.6798, 63.0429, 80.2572

# Trichromacy



## Original Color

62.0359, 62.9110, 92.0925

## Protanomaly

62.0359, 62.9110, 92.0925

## Deuteranomaly

63.3520, 62.8619, 92.7990

## Tritanomaly

60.5329, 63.0234, 84.5756

# Monochromacy



## Original Color

62.0359, 62.9110, 92.0925

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.4079, 62.7721, 76.6425

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0359, 62.9110, 92.0925 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(201, 206, 241)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 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(201, 206, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0359, 62.9110, 92.0925 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(201, 206, 241) }
```



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

```
.border{ border-color:rgb(201, 206, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 241);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.0359, 62.9110, 92.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 241) }
```

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

```
.background{ background-color: rgb(201,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor