

Converting Colors

XYZ(62.8063, 66.6267, 90.8818)

Have a look what the booklet for
XYZ(62.8063, 66.6267, 90.8818)
contains.

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Color

**XYZ(62.9064, 66.7032,
91.2208)**

Conversions

Conversions Part 1	
Format	Color
Hex	C5D7EF
RGB	197, 215, 239
RGB Percent	77%, 84%, 94%
CMY	0.2274, 0.1568, 0.0627
CMYK	0.18, 0.10, 0.00, 0.06
HSL	214°, 57%, 85%
HSV	214°, 18%, 94%
XYZ	62.9064, 66.7032, 91.2208
YIQ	212.3540, -18.4320, 3.6480

Conversions

Conversions Part 2

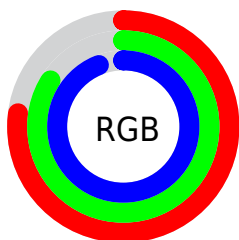
Format	Color
RYB	197, 210, 239
Decimal	12965871
CIELab	85.35, -1.14, -13.79
CIELCh	85, 13.841, 265.295
Yxy	66.7032, 0.2849, 0.3021
Android (android.graphics.Color)	4291155951 (0xFFC5D7EF)
YUV	212.3540, 13.1365, -13.4655
Hunter-Lab	81.6720, -5.4397, -9.0515

Details

The XYZ color **62.9064, 66.7032, 91.2208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5316, 74.0948, 63.3564**, and the grayscale version is **62.7405, 66.0079, 71.8826**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **32.4457, 34.4001, 49.7296** is the 20% darker color. If you saturate the color by 10%, you get **53.8045, 57.0641, 89.8411**, and if you desaturate by 10%, it is **73.2948, 77.4398, 92.7467**.

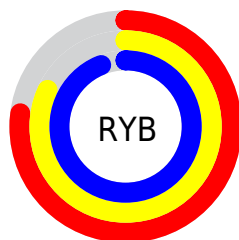
Distribution



Red (77%)

Green (84%)

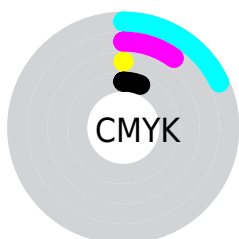
Blue (94%)



Red (77%)

Yellow (82%)

Blue (94%)

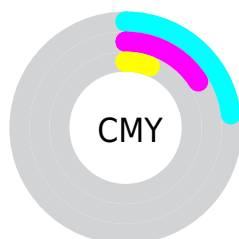


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (6%)



Cyan (23%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9064, 66.7032, 91.2208 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 62.9064, 66.7032, 91.2208 by changing the saturation by 10% instead.


 62.9064, 66.7032,
91.2208

 62.9064, 66.7032,
91.2208

424.8948,
448.8876, 552.6664

 46.0239, 48.8435,
68.4142


108.1170,
114.4950, 150.9833

 32.4693, 34.4953,
49.7660


137.1758,
145.1959, 188.7763

 21.8775, 23.2744,
34.8576


171.0241,
180.9460, 232.4018

 13.8830, 14.7962,
23.2705

210.0272,
222.1296, 282.2784

 8.1205, 8.6765,
14.5862

254.5504,
269.1311, 338.8246

 4.2246, 4.5308,
8.3861

304.9592,

 1.8300, 1.9747,

322.3351, 402.4590

4.2517

361.6189,
382.1258, 473.6000

0.5356, 0.5927,
1.7644

0.0000, 0.0000,
0.4043

62.9064, 66.7032,
91.2208

62.9064, 66.7032,
91.2208

53.8045, 57.0641,
89.8411

73.2948, 77.4398,
92.7467

45.9293, 48.4761,
88.5985

85.0139, 89.3017,
94.4186

39.2251, 40.9014,
87.4898

92.5802, 99.0121,
95.8941

33.6292, 34.2962,
86.5098

■ 29.0725, 28.6131,
85.6530

■ 25.4773, 23.7996,
84.9134

■ 22.7532, 19.7961,
84.2842

■ 20.7820, 16.5279,
83.7573

■ 20.3753, 15.8223,
83.6425

Harmonies

Analogous

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



60.0301, 66.7032, 87.7592



62.9064, 66.7032, 91.2208



66.0090, 66.7032, 89.3750

Triad

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



62.9064, 66.7032, 91.2208



69.0049, 66.7032, 65.5016



58.5736, 66.7032, 63.2394

Complementary

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



62.9064, 66.7032, 91.2208



71.5316, 74.0948, 63.3564

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.



60.8594, 66.7032, 58.1165



62.9064, 66.7032, 91.2208



66.8924, 66.7032, 59.3451

Square

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



62.9064, 66.7032, 91.2208



69.5964, 66.7032, 74.0532



63.8949, 66.7032, 56.7513



57.5816, 66.7032, 71.2221

Rectangle

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



62.9064, 66.7032, 91.2208



67.7792, 66.7032, 85.4571



63.8949, 66.7032, 56.7513



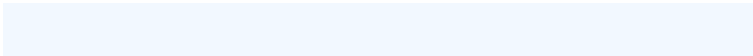
59.2124, 66.7032, 61.1526

Sweetspot

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



62.9084, 66.7059, 91.2223



88.2337, 93.1012, 107.9277



66.9183, 78.8143, 79.9540



18.6874, 19.7257, 23.0725



0.0000, 0.0000, 0.0000



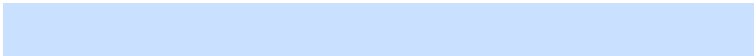
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9084, 66.7059, 91.2223



69.0227, 73.2283, 105.1043



59.3137, 58.4179, 89.8120



15.4544, 16.3429, 20.0616



11.3840, 8.9923, 46.2636



1.0438, 0.9417, 3.8810

Inverse Universe

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



67.8302, 63.1911, 72.9151



75.7410, 68.6471, 80.0664



75.6042, 83.6325, 64.9827



16.0540, 15.8713, 17.8408



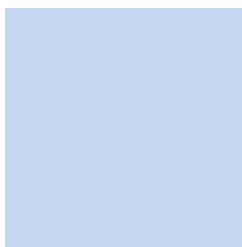
21.0717, 10.7011, 8.2944



1.8018, 0.9098, 0.9473

Previews

White Background



This preview shows how the XYZ color 62.9064, 66.7032, 91.2208 looks on a white background.

Color Contrast Check

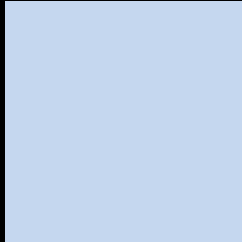
Large Text (above 18pt) WCAG AA × Fail

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 62.9064, 66.7032, 91.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

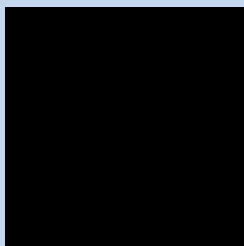
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9064, 66.7032, 91.2208

Background



This preview shows how black text looks on a background with the XYZ color 62.9064, 66.7032, 91.2208.



This preview shows how white text looks on a background with the XYZ color 62.9064, 66.7032,

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

62.9064, 66.7032, 91.2208

Protanopia

65.1587, 66.4046, 89.5039

Deuteranopia

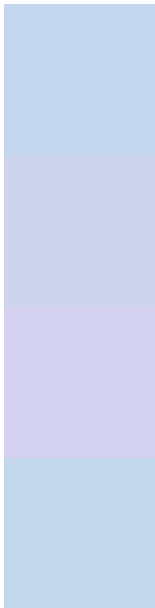
68.0088, 66.3487, 92.4412



Tritanopia

62.0288, 66.7307, 86.7018

Trichromacy



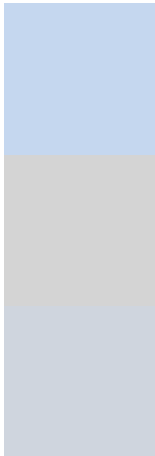
Original Color
62.9064, 66.7032, 91.2208

Protanomaly
64.1529, 66.2391, 90.2931

Deuteranomaly
65.9261, 66.3815, 91.7763

Tritanomaly
62.3162, 66.8457, 88.2153

Monochromacy



Original Color
62.9064, 66.7032, 91.2208

Achromatopsia
62.5785, 65.8375, 71.6970

Achromatomaly
62.7112, 66.1278, 78.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9064, 66.7032, 91.2208 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(197, 215, 239) looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 239)  
}
```

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(197, 215, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 239) }
```

Border

The CSS property to change the border of an element to XYZ 62.9064, 66.7032, 91.2208 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(197, 215, 239) }
```


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

```
.border{ border-color:rgb(197, 215, 239) }
```

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

Here you see how a box with a 4 pixel rgb(197, 215, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 239);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9064, 66.7032, 91.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 239) }
```

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

```
.background{ background-color: rgb(197,  
215, 239) }
```

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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