

Converting Colors

XYZ(62.0998, 66.6461, 91.1772)

Have a look what the booklet for
XYZ(62.0998, 66.6461, 91.1772)
contains.

XYZ(62.1282, 66.6812, 91.2576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.1282, 66.6812,
91.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D8EF
RGB	193, 216, 239
RGB Percent	76%, 85%, 94%
CMY	0.2431, 0.1529, 0.0627
CMYK	0.19, 0.10, 0.00, 0.06
HSL	210°, 59%, 85%
HSV	210°, 19%, 94%
XYZ	62.1282, 66.6812, 91.2576
YIQ	211.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

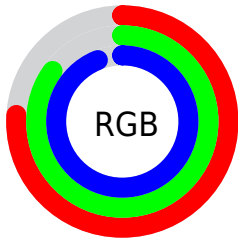
Format	Color
R _Y B	193, 208, 239
Decimal	12703983
CIE Lab	85.34, -2.89, -13.84
CIE LCh	85, 14.137, 258.198
Yxy	66.6812, 0.2823, 0.3030
Android (android.graphics.Color)	4290894063 (0xFFC1D8EF)
YUV	211.7450, 13.4367, -16.4394
Hunter-Lab	81.6586, -7.0945, -9.0986

Details

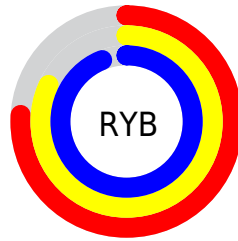
The XYZ color **62.1282, 66.6812, 91.2576** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7787, 71.3128, 60.5406**, and the grayscale version is **62.3353, 65.5816, 71.4184**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.9396, 34.3976, 49.7558** is the 20% darker color. If you saturate the color by 10%, you get **53.5705, 57.8907, 90.0130**, and if you desaturate by 10%, it is **71.8971, 76.4300, 92.6255**.

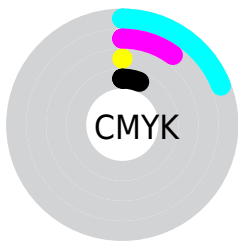
Distribution



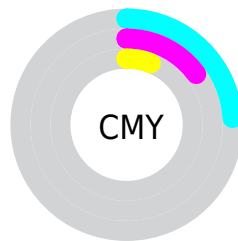
- Red (76%)
- Green (85%)
- Blue (94%)



- Red (76%)
- Yellow (82%)
- Blue (94%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1282, 66.6812, 91.2576 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 62.1282, 66.6812, 91.2576 by changing the saturation by 10% instead.

■ 62.1282, 66.6812,
91.2576

■ 62.1282, 66.6812,
91.2576

422.1087,
448.8092, 552.7886

■ 45.3923, 48.8256,
68.4446

■ 106.9997,
114.4635, 151.0348

■ 31.9691, 34.4811,
49.7906

135.8660,
145.1590, 188.8360

■ 21.4933, 23.2635,
34.8770

169.5064,
180.9032, 232.4704

■ 13.5996, 14.7882,
23.2853

208.2864,
222.0805, 282.3565

■ 7.9226, 8.6709,
14.5971

252.5713,
269.0754, 338.9128

■ 4.0968, 4.5271,
8.3936

302.7264,

■ 1.7571, 1.9726,

322.2722, 402.5579

4.2565

359.1170,
382.0553, 473.7104

■ 0.4916, 0.5915,
1.7671

■ 0.0000, 0.0000,
0.4061

■ 62.1282, 66.6812,
91.2576

■ 62.1282, 66.6812,
91.2576

■ 53.5705, 57.8907,
90.0130

■ 71.8971, 76.4300,
92.6255

■ 46.1661, 50.0165,
88.8834

■ 82.9198, 87.1607,
94.1158

■ 39.8610, 43.0253,
87.8663

■ 91.5838, 97.0192,
95.5620

■ 34.5943, 36.8783,
86.9573

■ 92.5802, 99.0121,
95.8942

■ 30.2983, 31.5328,
86.1520

■ 26.8966, 26.9413,
85.4450

■ 24.2992, 23.0490,
84.8306

■ 22.3692, 19.7765,
84.3007

■ 22.2383, 19.5484,
84.2636

Harmonies

Analogous

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



59.3646, 66.6812, 86.5502



62.1282, 66.6812, 91.2576



65.3197, 66.6812, 90.6662

Triad

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



62.1282, 66.6812, 91.2576



69.4058, 66.6812, 67.2386



58.9011, 66.6812, 61.4796

Complementary

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



62.1282, 66.6812, 91.2576



69.7787, 71.3128, 60.5406

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.



61.4761, 66.6812, 57.1165



62.1282, 66.6812, 91.2576



67.5693, 66.6812, 60.2436

Square

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



62.1282, 66.6812, 91.2576



69.5948, 66.6812, 76.2690



64.6454, 66.6812, 56.6839



57.5438, 66.6812, 69.0593

Rectangle

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



62.1282, 66.6812, 91.2576



67.2604, 66.6812, 87.3536



64.6454, 66.6812, 56.6839



59.6489, 66.6812, 59.6167

Sweetspot

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



62.1302, 66.6839, 91.2591



87.2516, 92.4291, 107.8497



65.1559, 77.9900, 76.0682



18.5007, 19.6127, 23.0605



0.0000, 0.0000, 0.0000



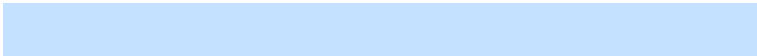
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1302, 66.6839, 91.2591



68.0150, 73.2206, 105.1560



56.8137, 56.0508, 89.4869



15.5503, 16.5348, 20.0935



12.4206, 11.0654, 46.6091



1.1328, 1.1195, 3.9106

Inverse Universe

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



67.0629, 61.4502, 73.2953



74.7423, 66.3713, 80.5918



75.8659, 83.4872, 62.5697



16.1025, 15.8907, 18.0958



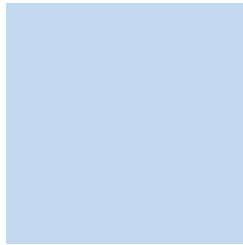
21.5949, 10.9104, 11.0495



1.8467, 0.9277, 1.1837

Previews

White Background



This preview shows how the XYZ color 62.1282, 66.6812, 91.2576 looks on a white background.

Color Contrast Check

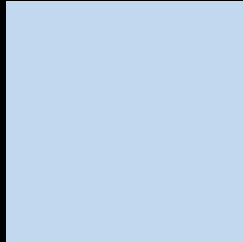
Large Text (above 18pt) WCAG AA × Fail

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 62.1282, 66.6812, 91.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

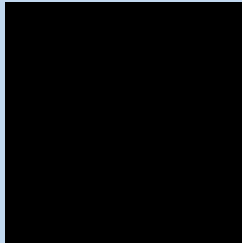
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

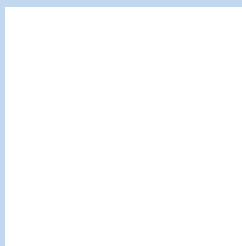
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1282, 66.6812, 91.2576

Background



This preview shows how black text looks on a background with the XYZ color 62.1282, 66.6812, 91.2576.

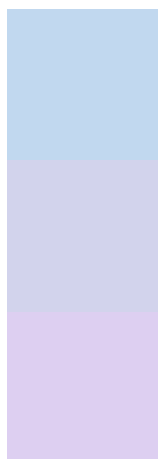


This preview shows how white text looks on a background with the XYZ color 62.1282, 66.6812,

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

62.1282, 66.6812, 91.2576

Protanopia

65.0129, 66.3463, 88.7364

Deuteranopia

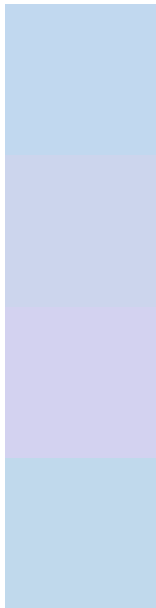
68.0088, 66.3487, 92.4412



Tritanopia

61.4024, 66.7727, 87.4941

Trichromacy



Original Color

62.1282, 66.6812, 91.2576

Protanomaly

63.9822, 66.5403, 89.5921

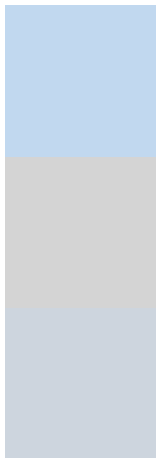
Deuteranomaly

65.6387, 66.2333, 91.7629

Tritanomaly

61.6914, 66.8883, 89.0161

Monochromacy



Original Color

62.1282, 66.6812, 91.2576

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1559, 65.8416, 78.5400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1282, 66.6812, 91.2576 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(193, 216, 239)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 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(193, 216, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 239) }
```

Border

The CSS property to change the border of an element to XYZ 62.1282, 66.6812, 91.2576 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(193, 216, 239) }
```


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

```
.border{ border-color:rgb(193, 216, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 216, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 239);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1282, 66.6812, 91.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 239) }
```

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

```
.background{ background-color: rgb(193,  
216, 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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