

Converting Colors

XYZ(61.1915, 62.1629, 88.6356)

Have a look what the booklet for
XYZ(61.1915, 62.1629, 88.6356)
contains.

XYZ(61.2048, 62.1946, 88.8997)	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(61.2048, 62.1946,
88.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CDED
RGB	201, 205, 237
RGB Percent	79%, 80%, 93%
CMY	0.2118, 0.1961, 0.0706
CMYK	0.15, 0.14, 0.00, 0.07
HSL	233°, 50%, 86%
HSV	233°, 15%, 93%
XYZ	61.2048, 62.1946, 88.8997
YIQ	207.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

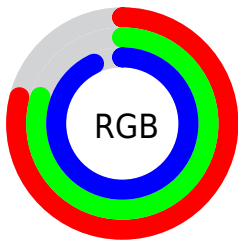
Format	Color
R_{YB}	201, 205, 237
Decimal	13225453
CIE _{Lab}	83.02, 4.97, -16.21
CIE _{LCh}	83, 16.956, 287.056
Yxy	62.1946, 0.2883, 0.2930
Android (android.graphics.Color)	4291415533 (0xFFC9CDED)
YUV	207.4520, 14.5672, -5.6584
Hunter-Lab	78.8636, 0.5199, -11.6307

Details

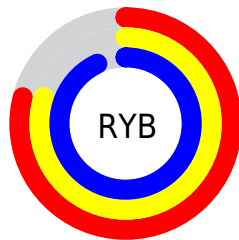
The XYZ color **61.2048, 62.1946, 88.8997** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.6070, 80.4992, 66.8654**, and the grayscale version is **59.5160, 62.6155, 68.1883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4397, 31.6725, 48.1724** is the 20% darker color. If you saturate the color by 10%, you get **50.6145, 49.7529, 87.0574**, and if you desaturate by 10%, it is **73.4602, 76.5050, 91.0169**.

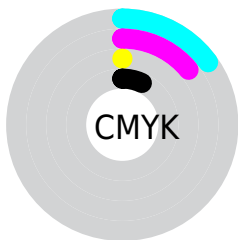
Distribution



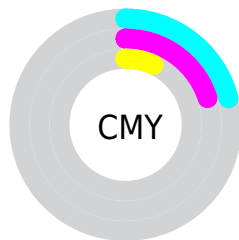
- Red (79%)
- Green (80%)
- Blue (93%)



- Red (79%)
- Yellow (80%)
- Blue (93%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2048, 62.1946, 88.8997 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 61.2048, 62.1946, 88.8997 by changing the saturation by 10% instead.

■ 61.2048, 62.1946,
88.8997

■ 61.2048, 62.1946,
88.8997

418.7884,
432.6406, 544.9226

■ 44.6436, 45.1900,
66.4999

105.6719,
108.0067, 147.7312

■ 31.3769, 31.6071,
48.2192

134.3084,
137.5830, 185.0000

■ 21.0393, 21.0616,
33.6393

167.7009,
172.1186, 228.0621

■ 13.2653, 13.1690,
22.3415

206.2146,
211.9980, 277.3362

■ 7.6898, 7.5450,
13.9074

250.2148,
257.6055, 333.2407

■ 3.9472, 3.8052,
7.9182

300.0669,

■ 1.6723, 1.5652,

309.3254, 396.1943

3.9557

356.1364,
367.5424, 466.6154

■ 0.4388, 0.3340,
1.6010

■ 0.0000, 0.0000,
0.2916

■ 61.2048, 62.1946,
88.8997

■ 61.2048, 62.1946,
88.8997

■ 50.6145, 49.7529,
87.0574

■ 73.4602, 76.5050,
91.0169

■ 41.6119, 39.0953,
85.4747

■ 87.4426, 92.7488,
93.4154

■ 34.1217, 30.1418,
84.1413

■ 92.2863, 98.8945,
94.3463

■ 28.0604, 22.8036,
83.0444

■ 23.3361, 16.9837,
82.1700

■ 19.8463, 12.5746,
81.5029

■ 17.4732, 9.4544,
81.0257

■ 16.0752, 7.4796,
80.7182

■ 15.6634, 6.8689,
80.6220

Harmonies

Analogous

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



57.5499, 62.1946, 89.3497



61.2048, 62.1946, 88.8997



64.4231, 62.1946, 82.4176

Triad

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



61.2048, 62.1946, 88.8997



64.0453, 62.1946, 53.9965



52.5100, 62.1946, 63.2993

Complementary

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



61.2048, 62.1946, 88.8997



74.6070, 80.4992, 66.8654

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.



54.1051, 62.1946, 54.8816



61.2048, 62.1946, 88.8997



60.7064, 62.1946, 49.8961

Square

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



61.2048, 62.1946, 88.8997



66.1089, 62.1946, 61.9717



57.0716, 62.1946, 50.2024



52.6310, 62.1946, 73.8118

Rectangle

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



61.2048, 62.1946, 88.8997



65.8426, 62.1946, 75.8939



57.0716, 62.1946, 50.2024



52.8604, 62.1946, 60.1539

Sweetspot

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



61.2067, 62.1972, 88.9011



87.0046, 90.6430, 107.5180



69.0522, 78.8588, 88.5240



18.3894, 19.1298, 22.9731



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.



61.2067, 62.1972, 88.9011



68.4708, 68.9859, 104.3146



64.1396, 62.3060, 88.7675



14.3660, 14.8185, 19.0253



8.5981, 3.8431, 44.0316



0.7200, 0.3914, 3.4725

Inverse Universe

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



66.8327, 64.1871, 66.6274



76.2286, 71.7754, 73.5908



71.3211, 80.5063, 67.0400



15.1335, 15.0813, 15.9886



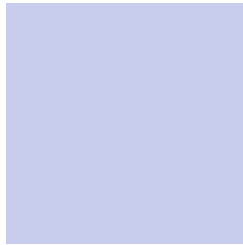
19.1952, 9.8808, 1.5633



1.5299, 0.7849, 0.2418

Previews

White Background



This preview shows how the XYZ color 61.2048, 62.1946, 88.8997 looks on a white background.

Color Contrast Check

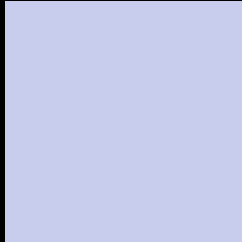
Large Text (above 18pt) WCAG AA × Fail

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 61.2048, 62.1946, 88.8997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

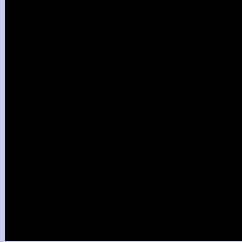
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2048, 62.1946, 88.8997

Background



This preview shows how black text looks on a background with the XYZ color 61.2048, 62.1946, 88.8997.



This preview shows how white text looks on a background with the XYZ color 61.2048, 62.1946,

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

61.2048, 62.1946, 88.8997

Protanopia

61.2048, 62.1946, 88.8997

Deuteranopia

63.4706, 61.9434, 89.4999



Tritanopia

59.3206, 62.1496, 79.3905

Trichromacy



Original Color

61.2048, 62.1946, 88.8997

Protanomaly

61.2048, 62.1946, 88.8997

Deuteranomaly

62.5656, 61.8240, 89.5246

Tritanomaly

60.0336, 62.0791, 82.9471

Monochromacy



Original Color

61.2048, 62.1946, 88.8997

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9030, 62.1837, 75.1751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2048, 62.1946, 88.8997 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, 205, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 205, 237)  
}
```

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, 205, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 205, 237) }
```

Border

The CSS property to change the border of an element to XYZ 61.2048, 62.1946, 88.8997 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, 205, 237) }
```


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

```
.border{ border-color:rgb(201, 205, 237) }
```

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

Here you see how a box with a 4 pixel rgb(201, 205, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 205, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 205, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 205,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2048, 62.1946, 88.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 205, 237) }
```

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

```
.background{ background-color: rgb(201,  
205, 237) }
```

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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