

Converting Colors

XYZ(61.2620, 61.8166, 87.0741)

Have a look what the booklet for
XYZ(61.2620, 61.8166, 87.0741)
contains.

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Color

**XYZ(61.4901, 62.0213,
87.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCEB
RGB	204, 204, 235
RGB Percent	80%, 80%, 92%
CMY	0.2000, 0.2000, 0.0784
CMYK	0.13, 0.13, 0.00, 0.08
HSL	240°, 44%, 86%
HSV	240°, 13%, 92%
XYZ	61.4901, 62.0213, 87.3277
YIQ	207.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

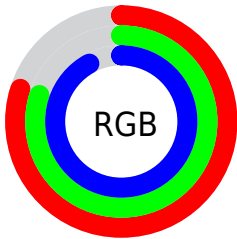
Format	Color
RYB	204, 204, 235
Decimal	13421803
CIELab	82.92, 6.04, -15.26
CIELCh	83, 16.413, 291.593
Yxy	62.0213, 0.2916, 0.2942
Android (android.graphics.Color)	4291611883 (0xFFCCCCCEB)
YUV	207.5340, 13.5407, -3.0993
Hunter-Lab	78.7536, 1.5524, -10.6175

Details

The XYZ color **61.4901, 62.0213, 87.3277** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.8686, 81.4380, 68.9011**, and the grayscale version is **59.5741, 62.6766, 68.2548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6207, 31.5514, 47.0713** is the 20% darker color. If you saturate the color by 10%, you get **50.3588, 48.6094, 85.3266**, and if you desaturate by 10%, it is **74.4396, 77.6245, 89.6579**.

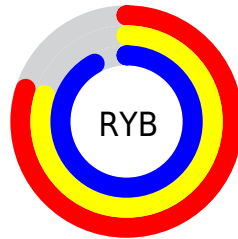
Distribution



Red (80%)

Green (80%)

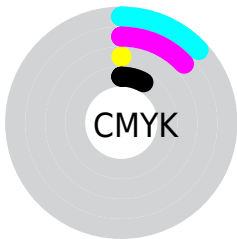
Blue (92%)



Red (80%)

Yellow (80%)

Blue (92%)

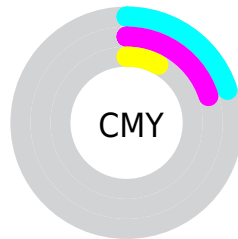


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (20%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4901, 62.0213, 87.3277 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 61.4901, 62.0213, 87.3277 by changing the saturation by 10% instead.

■ 61.4901, 62.0213,
87.3277

■ 61.4901, 62.0213,
87.3277

419.8160,
432.0088, 539.6432

■ 44.8749, 45.0499,
65.2053

106.0823,
107.7563, 145.5237

■ 31.5597, 31.4967,
47.1751

134.7901,
137.2887, 182.4343

■ 21.1793, 20.9774,
32.8188

168.2593,
171.7769, 225.1115

■ 13.3684, 13.1075,
21.7177

206.8554,
211.6053, 273.9736

■ 7.7614, 7.5026,
13.4533

250.9438,
257.1583, 329.4393

■ 3.9932, 3.7784,
7.6070

300.8898,

■ 1.6983, 1.5504,

308.8203, 391.9271

3.7604

357.0587,
366.9757, 461.8556

■ 0.4552, 0.3238,
1.4948

■ 0.0000, 0.0000,
0.2141

■ 61.4901, 62.0213,
87.3277

■ 61.4901, 62.0213,
87.3277

■ 50.3588, 48.6094,
85.3266

■ 74.4396, 77.6245,
89.6579

■ 40.9590, 37.2834,
83.6359

■ 89.2775, 95.5028,
92.3267

■ 33.2055, 27.9409,
82.2413

■ 91.9956, 98.7782,
92.8157

■ 27.0035, 20.4679,
81.1257

■ 22.2487, 14.7386,
80.2704

■ 18.8240, 10.6119,
79.6544

■ 16.5940, 7.9247,
79.2533

■ 15.3949, 6.4796,
79.0375

■ 14.9958, 5.9987,
78.9657

Harmonies

Analogous

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



57.9597, 62.0213, 88.7102



61.4901, 62.0213, 87.3277



64.4460, 62.0213, 80.3802

Triad

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



61.4901, 62.0213, 87.3277



63.2802, 62.0213, 53.3771



52.4686, 62.0213, 64.7203

Complementary

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



61.4901, 62.0213, 87.3277



74.8686, 81.4380, 68.9011

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.



53.7745, 62.0213, 56.1291



61.4901, 62.0213, 87.3277



59.9502, 62.0213, 50.0228

Square

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



61.4901, 62.0213, 87.3277



65.5080, 62.0213, 60.6074



56.4796, 62.0213, 50.9774



52.8439, 62.0213, 74.9620

Rectangle

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



61.4901, 62.0213, 87.3277



65.6469, 62.0213, 73.8754



56.4796, 62.0213, 50.9774



52.7236, 62.0213, 61.5600

Sweetspot

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



61.4920, 62.0239, 87.3291



88.2286, 91.7809, 107.6731



69.5321, 78.2235, 89.6414



18.6188, 19.3246, 22.9987



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.



61.4920, 62.0239, 87.3291



69.9381, 69.7425, 104.3833



65.7978, 64.2427, 87.5304



14.2314, 14.5492, 18.9805



8.3458, 3.3386, 43.9475



0.6554, 0.2622, 3.4509

Inverse Universe

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



66.7544, 65.2089, 66.1980



77.5008, 74.3199, 74.0152



70.1288, 78.9956, 68.6795



15.0656, 15.0541, 15.6307



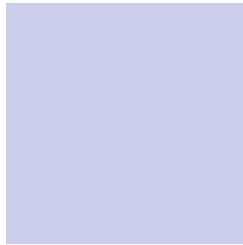
19.0679, 9.8298, 0.8928



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 61.4901, 62.0213, 87.3277 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 61.4901, 62.0213, 87.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

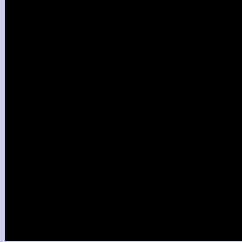
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4901, 62.0213, 87.3277

Background



This preview shows how black text looks on a background with the XYZ color 61.4901, 62.0213, 87.3277.



This preview shows how white text looks on a background with the XYZ color 61.4901, 62.0213,

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

61.4901, 62.0213, 87.3277

Protanopia

61.0590, 62.1363, 88.1322

Deuteranopia

63.4675, 61.9756, 87.9743



Tritanopia

59.6132, 61.9731, 77.9273

Trichromacy



Original Color

61.4901, 62.0213, 87.3277

Protanomaly

61.3288, 62.2753, 88.1448

Deuteranomaly

62.8392, 61.9988, 88.0119

Tritanomaly

60.3251, 61.9052, 81.4425

Monochromacy



Original Color

61.4901, 62.0213, 87.3277

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.6998, 62.9530, 75.2816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4901, 62.0213, 87.3277 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(204, 204, 235) looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 235)  
}
```

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(204, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 235) }
```

Border

The CSS property to change the border of an element to XYZ 61.4901, 62.0213, 87.3277 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(204, 204, 235) }
```


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

```
.border{ border-color:rgb(204, 204, 235) }
```

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

Here you see how a box with a 4 pixel rgb(204, 204, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4901, 62.0213, 87.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 235) }
```

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

```
.background{ background-color: rgb(204,  
204, 235) }
```

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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