

Converting Colors

XYZ(61.0990, 64.9385, 97.2301)

Have a look what the booklet for
XYZ(61.0990, 64.9385, 97.2301)
contains.

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Color

**XYZ(61.0763, 64.8687,
97.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD5F7
RGB	187, 213, 247
RGB Percent	73%, 84%, 97%
CMY	0.2667, 0.1647, 0.0314
CMYK	0.24, 0.14, 0.00, 0.03
HSL	214°, 79%, 85%
HSV	214°, 24%, 97%
XYZ	61.0763, 64.8687, 97.2975
YIQ	209.1020, -26.4100, 5.0620

Conversions

Conversions Part 2

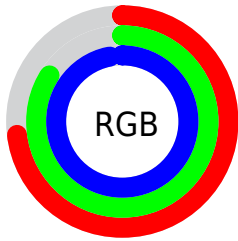
Format	Color
R_{YB}	187, 205, 247
Decimal	12310007
CIE _{Lab}	84.42, -1.36, -19.51
CIE _{LCh}	84, 19.555, 266.011
Yxy	64.8687, 0.2736, 0.2906
Android (android.graphics.Color)	4290500087 (0xFFBBD5F7)
YUV	209.1020, 18.6837, -19.3835
Hunter-Lab	80.5411, -5.5860, -15.2464

Details

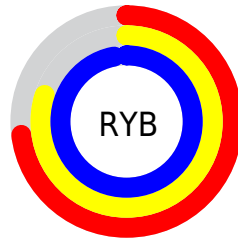
The XYZ color **61.0763, 64.8687, 97.2975** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.1847, 75.0754, 57.6492**, and the grayscale version is **60.5668, 63.7210, 69.3922**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.3037, 33.2019, 54.0489** is the 20% darker color. If you saturate the color by 10%, you get **52.1760, 55.2793, 95.9167**, and if you desaturate by 10%, it is **71.3237, 75.6068, 98.8311**.

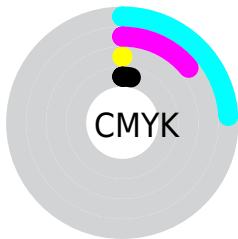
Distribution



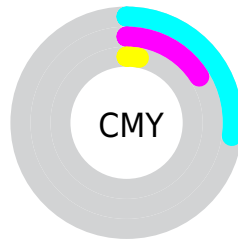
- Red (73%)
- Green (84%)
- Blue (97%)



- Red (73%)
- Yellow (80%)
- Blue (97%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (27%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0763, 64.8687, 97.2975 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 61.0763, 64.8687, 97.2975 by changing the saturation by 10% instead.

■ 61.0763, 64.8687,
97.2975

■ 61.0763, 64.8687,
97.2975

418.3252,
442.3200, 572.6655

■ 44.5395, 47.3546,
73.4412

■ 105.4869,
111.8611, 159.4577

■ 31.2946, 33.3161,
53.8428

134.0914,
142.1081, 198.5987

■ 20.9762, 22.3687,
38.0837

167.4492,
177.3683, 243.6717

■ 13.2190, 14.1281,
25.7453

205.9257,
218.0261, 295.0952

■ 7.6575, 8.2098,
16.4092

249.8862,
264.4657, 353.2878

■ 3.9266, 4.2295,
9.6567

299.6960,

■ 1.6607, 1.8027,

317.0716, 418.6680

5.0693

355.7205,
376.2283, 491.6544

■ 0.4315, 0.4889,
2.2285

■ 0.0000, 0.0000,
0.6908

■ 61.0763, 64.8687,
97.2975

■ 61.0763, 64.8687,
97.2975

■ 52.1760, 55.2793,
95.9167

■ 71.3237, 75.6068,
98.8311

■ 44.5559, 46.7880,
94.6794

■ 82.9690, 87.5258,
100.5180

■ 38.1523, 39.3518,
93.5815

■ 93.7862, 99.4904,
102.2572

■ 32.8928, 32.9210,
92.6175

■ 93.7887, 99.4955,
102.2581

■ 28.6970, 27.4411,
91.7809

■ 25.4720, 22.8510,
91.0649

■ 23.1058, 19.0786,
90.4615

■ 22.0508, 17.2396,
90.1621

Harmonies

Analogous

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



57.1011, 64.8687, 92.3917



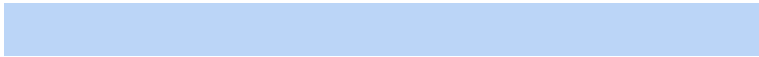
61.0763, 64.8687, 97.2975



65.3937, 64.8687, 94.3972

Triad

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



61.0763, 64.8687, 97.2975



69.4751, 64.8687, 60.6464



54.9830, 64.8687, 58.0787

Complementary

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



61.0763, 64.8687, 97.2975



73.1847, 75.0754, 57.6492

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.



58.0630, 64.8687, 51.2315



61.0763, 64.8687, 97.2975



66.4464, 64.8687, 52.5872

Square

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



61.0763, 64.8687, 97.2975



70.3737, 64.8687, 72.3088



62.2389, 64.8687, 49.3448



53.6893, 64.8687, 68.9793

Rectangle

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



61.0763, 64.8687, 97.2975



67.8659, 64.8687, 88.5910



62.2389, 64.8687, 49.3448



55.8365, 64.8687, 55.2788

Sweetspot

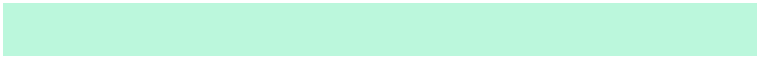
The Sweet Spot groups the original color and five complimentary colors.



61.0783, 64.8713, 97.2990



85.6430, 90.4860, 107.5594



66.6740, 82.2549, 80.0743



18.1652, 19.1986, 22.9982



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.



61.0783, 64.8713, 97.2990



60.9365, 64.6873, 103.8819



55.7957, 53.2050, 95.3256



16.1719, 17.1080, 20.9924



11.7969, 9.3876, 47.7283



1.1370, 1.0254, 4.2282

Inverse Universe

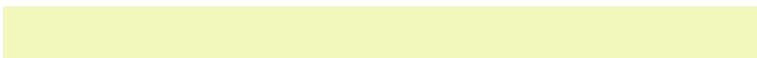
The Inverse Universe completely reimagines the original color for something new.



68.1400, 60.1207, 70.9667



69.7966, 59.1371, 70.7515



79.5398, 89.3437, 60.0683



16.7973, 16.6018, 18.6793



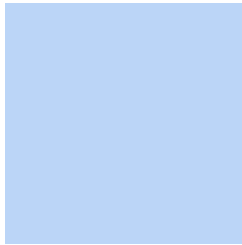
21.7591, 11.0471, 8.7055



1.9630, 0.9911, 1.0313

Previews

White Background



This preview shows how the XYZ color 61.0763, 64.8687, 97.2975 looks on a white background.

Color Contrast Check

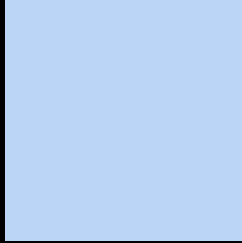
Large Text (above 18pt) WCAG AA × Fail

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 61.0763, 64.8687, 97.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

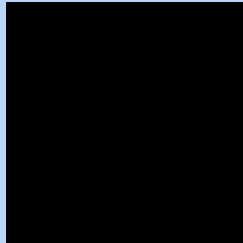
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

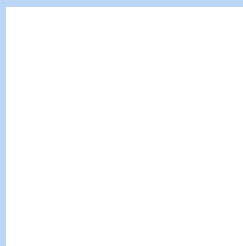
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0763, 64.8687, 97.2975

Background



This preview shows how black text looks on a background with the XYZ color 61.0763, 64.8687, 97.2975.

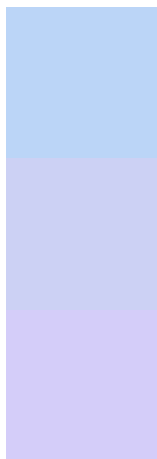


This preview shows how white text looks on a background with the XYZ color 61.0763, 64.8687,

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

61.0763, 64.8687, 97.2975

Protanopia

64.0314, 64.9700, 94.7536

Deuteranopia

66.0816, 64.4992, 98.5893



Tritanopia

58.7756, 64.6744, 86.4764

Trichromacy



Original Color

61.0763, 64.8687, 97.2975

Protanomaly

62.8167, 64.6915, 95.5621

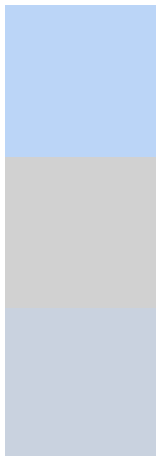
Deuteranomaly

64.1278, 64.5856, 97.8933

Tritanomaly

59.4868, 64.5805, 90.2189

Monochromacy



Original Color

61.0763, 64.8687, 97.2975

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4533, 63.8384, 78.9479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0763, 64.8687, 97.2975 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(187, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(187, 213, 247)  
}
```

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(187, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 61.0763, 64.8687, 97.2975 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(187, 213, 247) }
```


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

```
.border{ border-color:rgb(187, 213, 247) }
```

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

Here you see how a box with a 4 pixel rgb(187, 213, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(187, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0763, 64.8687, 97.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 213, 247) }
```

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

```
.background{ background-color: rgb(187,  
213, 247) }
```

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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