

Converting Colors

XYZ(60.7854, 66.8309, 86.0431)

Have a look what the booklet for
XYZ(60.7854, 66.8309, 86.0431)
contains.

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Color

**XYZ(60.8721, 66.9162,
86.0517)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BEDAE8 |
| RGB | 190, 218, 232 |
| RGB Percent | 75%, 85%, 91% |
| CMY | 0.2549, 0.1451, 0.0902 |
| CMYK | 0.18, 0.06, 0.00, 0.09 |
| HSL | 200°, 48%, 83% |
| HSV | 200°, 18%, 91% |
| XYZ | 60.8721, 66.9162, 86.0517 |
| YIQ | 211.2240, -21.1820, -1.5820 |

Conversions

Conversions Part 2

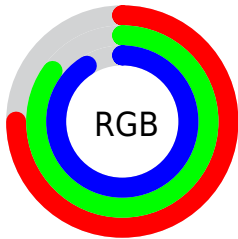
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 190, 207, 232 |
| Decimal | 12507880 |
| CIELab | 85.46, -6.35, -9.98 |
| CIELCh | 85, 11.826, 237.532 |
| Yxy | 66.9162, 0.2847, 0.3129 |
| Android (android.graphics.Color) | 4290697960 (0xFFBEDAE8) |
| YUV | 211.2240, 10.2426, -18.6134 |
| Hunter-Lab | 81.8023, -10.3257, -5.1083 |

Details

The XYZ color **60.8721, 66.9162, 86.0517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1663, 64.0591, 57.6992**, and the grayscale version is **62.0110, 65.2404, 71.0468**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.0870, 34.5632, 46.1072** is the 20% darker color. If you saturate the color by 10%, you get **53.5743, 60.2483, 85.1504**, and if you desaturate by 10%, it is **69.1898, 74.2522, 87.0304**.

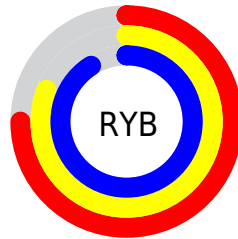
Distribution



Red (75%)

Green (85%)

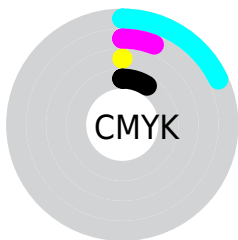
Blue (91%)



Red (75%)

Yellow (81%)

Blue (91%)

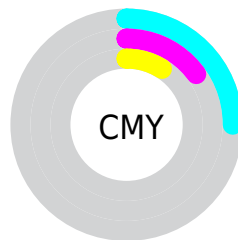


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8721, 66.9162, 86.0517 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 60.8721, 66.9162, 86.0517 by changing the saturation by 10% instead.

■ 60.8721, 66.9162,
86.0517

■ 60.8721, 66.9162,
86.0517

417.5883,
449.6464, 535.3367

■ 44.3741, 49.0165,
64.1556

■ 105.1929,
114.8003, 143.7288

■ 31.1639, 34.6326,
46.3297

133.7464,
145.5536, 180.3469

■ 20.8761, 23.3800,
32.1555

167.0491,
181.3601, 222.7094

■ 13.1454, 14.8743,
21.2145

205.4664,
222.6044, 271.2348

■ 7.6065, 8.7312,
13.0881

249.3636,
269.6708, 326.3417

■ 3.8938, 4.5663,
7.3578

299.1061,

■ 1.6423, 1.9951,

322.9436, 388.4486

3.6051

355.0592,
382.8074, 457.9741

■ 0.4197, 0.6046,
1.4113

■ 0.0000, 0.0000,
0.1505

■ 60.8721, 66.9162,
86.0517

■ 60.8721, 66.9162,
86.0517

■ 53.5743, 60.2483,
85.1504

■ 69.1898, 74.2522,
87.0304

■ 47.2456, 54.2153,
84.3194

■ 78.5632, 82.2714,
88.0842

■ 41.8397, 48.7930,
83.5578

■ 87.3202, 90.1153,
89.1367

■ 37.3038, 43.9524,
82.8625

■ 89.6602, 94.7954,
89.9167

■ 33.5794, 39.6613,
82.2305

■ 91.5657, 98.6063,
90.5519

■ 30.6002, 35.8834,
81.6583

■ 28.2882, 32.5765,
81.1419

■ 26.5346, 29.6822,
80.6757

■ 26.2345, 29.1639,
80.5915

Harmonies

Analogous

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



59.1355, 66.9162, 79.9064



60.8721, 66.9162, 86.0517



63.3799, 66.9162, 88.6426

Triad

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



60.8721, 66.9162, 86.0517



68.8971, 66.9162, 73.4985



61.2466, 66.9162, 60.5271

Complementary

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



60.8721, 66.9162, 86.0517



64.1663, 64.0591, 57.6992

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.



63.8243, 66.9162, 59.0723



60.8721, 66.9162, 86.0517



68.2876, 66.9162, 66.2412

Square

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



60.8721, 66.9162, 86.0517



68.0549, 66.9162, 81.0841



66.4120, 66.9162, 61.0911



59.3474, 66.9162, 65.2124

Rectangle

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



60.8721, 66.9162, 86.0517



65.1688, 66.9162, 87.8782



66.4120, 66.9162, 61.0911



62.0602, 66.9162, 59.6591

Sweetspot

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



60.8741, 66.9190, 86.0532



89.1732, 94.9803, 108.2408



60.9083, 72.9877, 67.5666



18.9157, 20.1824, 23.1486



0.0000, 0.0000, 0.0000



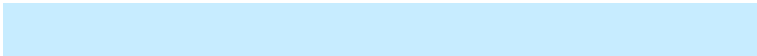
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8741, 66.9190, 86.0532



71.6597, 79.5145, 106.1787



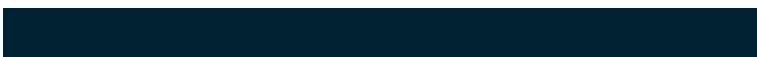
55.9275, 57.0259, 84.4044



14.3816, 15.4846, 18.3752



14.6845, 16.4311, 44.7807



1.1697, 1.3833, 3.3373

Inverse Universe

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



64.3486, 59.0462, 74.3384



76.8250, 68.1347, 88.6908



69.3105, 74.3474, 59.4140



14.7802, 14.5293, 17.0429



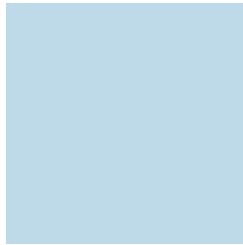
21.8056, 10.8564, 18.4030



1.6540, 0.8193, 1.5846

Previews

White Background



This preview shows how the XYZ color 60.8721, 66.9162, 86.0517 looks on a white background.

Color Contrast Check

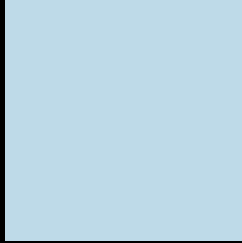
Large Text (above 18pt) WCAG AA × Fail

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 60.8721, 66.9162, 86.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

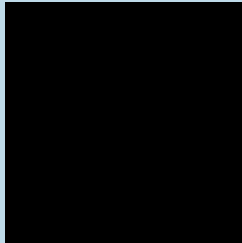
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8721, 66.9162, 86.0517

Background



This preview shows how black text looks on a background with the XYZ color 60.8721, 66.9162, 86.0517.

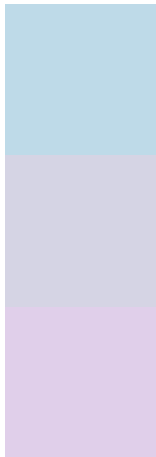


This preview shows how white text looks on a background with the XYZ color 60.8721, 66.9162,

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

60.8721, 66.9162, 86.0517

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

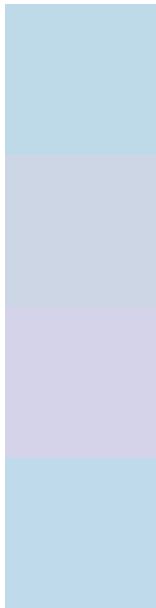
67.9046, 66.4135, 87.0820



Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

60.8721, 66.9162, 86.0517

Protanomaly

63.3663, 66.7294, 83.6690

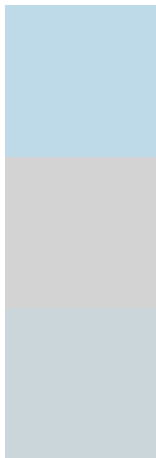
Deuteranomaly

65.1536, 66.4688, 86.4866

Tritanomaly

61.4085, 67.1597, 87.5684

Monochromacy



Original Color

60.8721, 66.9162, 86.0517

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4614, 65.9041, 76.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8721, 66.9162, 86.0517 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(190, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 232)  
}
```

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(190, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.8721, 66.9162, 86.0517 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(190, 218, 232) }
```


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

```
.border{ border-color:rgb(190, 218, 232) }
```

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

Here you see how a box with a 4 pixel rgb(190, 218, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8721, 66.9162, 86.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 232) }
```

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

```
.background{ background-color: rgb(190,  
218, 232) }
```

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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