

Converting Colors

XYZ(61.5249, 72.9881, 87.4045)

Have a look what the booklet for
XYZ(61.5249, 72.9881, 87.4045)
contains.

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Color

**XYZ(61.3266, 72.7695,
87.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E8E8
RGB	176, 232, 232
RGB Percent	69%, 91%, 91%
CMY	0.3098, 0.0902, 0.0902
CMYK	0.24, 0.00, 0.00, 0.09
HSL	180°, 55%, 80%
HSV	180°, 24%, 91%
XYZ	61.3266, 72.7695, 87.1576
YIQ	215.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

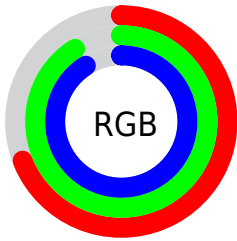
Format	Color
RYB	176, 204, 232
Decimal	11593960
CIELab	88.34, -17.68, -5.81
CIELCh	88, 18.605, 198.189
Yxy	72.7695, 0.2772, 0.3289
Android (android.graphics.Color)	4289784040 (0xFFB0E8E8)
YUV	215.2560, 8.2548, -34.4275
Hunter-Lab	85.3050, -20.9585, -0.8641

Details

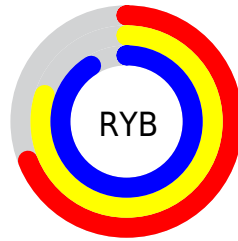
The XYZ color **61.3266, 72.7695, 87.1576** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.6431, 51.3431, 48.0020**, and the grayscale version is **64.7284, 68.0994, 74.1602**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **31.3878, 38.3228, 46.8170** is the 20% darker color. If you saturate the color by 10%, you get **56.5230, 70.2950, 86.9335**, and if you desaturate by 10%, it is **67.0309, 75.7120, 87.4270**.

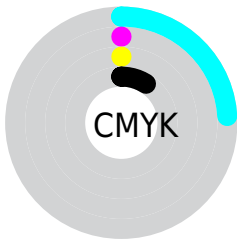
Distribution



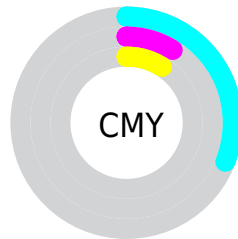
- Red (69%)
- Green (91%)
- Blue (91%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3266, 72.7695, 87.1576 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 61.3266, 72.7695, 87.1576 by changing the saturation by 10% instead.

61.3266, 72.7695,
87.1576

61.3266, 72.7695,
87.1576

419.2273,
470.2155, 539.0703

44.7423, 53.7875,
65.0653

105.8471,
123.1499, 145.2846

31.4549, 38.4318,
47.0623

134.5141,
155.3172, 182.1563

21.0990, 26.3180,
32.7302

167.9394,
192.6483, 224.7916

13.3093, 17.0617,
21.6504

206.4882,
235.5276, 273.6090

7.7203, 10.2785,
13.4044

250.5261,
284.3396, 329.0270

3.9668, 5.5840,
7.5736

300.4184,

1.6834, 2.5938,

339.4687, 391.4642

3.7395

356.5303,
401.2992, 461.3391

■ 0.4458, 0.9236,
1.4836

■ 0.0000, 0.0000,
0.2056

■ 61.3266, 72.7695,
87.1576

■ 61.3266, 72.7695,
87.1576

■ 56.5230, 70.2950,
86.9335

■ 67.0309, 75.7120,
87.4270

■ 52.5682, 68.2563,
86.7475


■ 73.6719, 79.1356,
87.7386


■ 49.4148, 66.6306,
86.5991


■ 81.2914, 83.0635,
88.0961


■ 47.0080, 65.3899,
86.4856


■ 84.6642, 84.8023,
88.2548


 45.2863, 64.5024,
86.4041


 84.6644, 84.8023,
88.2557


 44.1784, 63.9312,
86.3514


 84.6646, 84.8024,
88.2566

 43.5974, 63.6317,
86.3234

 84.6647, 84.8025,
88.2575

 43.4223, 63.5415,
86.3147

 84.6649, 84.8025,
88.2583

 84.6651, 84.8026,
88.2592

Harmonies

Analogous

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



61.0988, 72.7695, 74.3074



61.3266, 72.7695, 87.1576



63.5989, 72.7695, 99.0054

Triad

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



61.3266, 72.7695, 87.1576



75.7624, 72.7695, 96.7789



70.9372, 72.7695, 57.5244

Complementary

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



61.3266, 72.7695, 87.1576



56.6431, 51.3431, 48.0020

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.



75.0472, 72.7695, 62.2867



61.3266, 72.7695, 87.1576



77.9121, 72.7695, 84.3729

Square

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



61.3266, 72.7695, 87.1576



71.8794, 72.7695, 104.9586



77.6449, 72.7695, 71.8051



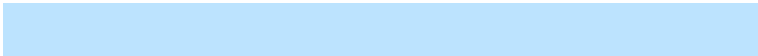
66.5203, 72.7695, 58.0981

Rectangle

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



61.3266, 72.7695, 87.1576



66.0246, 72.7695, 104.3188



77.6449, 72.7695, 71.8051



72.4039, 72.7695, 58.5314

Sweetspot

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



61.3287, 72.7725, 87.1593



88.7850, 96.7703, 108.6060



54.8116, 70.1901, 51.7349



18.8940, 20.6563, 23.2410



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.



61.3287, 72.7725, 87.1593



72.8772, 88.5696, 107.8592



54.2875, 58.6894, 84.8142



14.8075, 16.3364, 18.5170



24.1053, 35.2742, 47.9165



1.7813, 2.6066, 3.5409

Inverse Universe

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



56.6431, 51.3431, 48.0020



66.1200, 57.6665, 51.3908



62.4894, 63.0363, 49.9495



14.3771, 14.3680, 14.9202



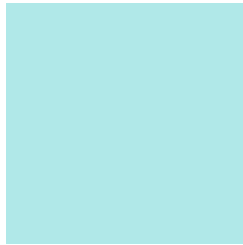
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 61.3266, 72.7695, 87.1576 looks on a white background.

Color Contrast Check

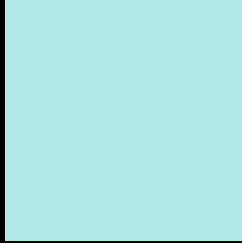
Large Text (above 18pt) WCAG AA × Fail

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 61.3266, 72.7695, 87.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

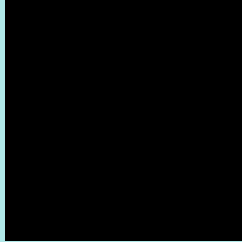
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3266, 72.7695, 87.1576

Background



This preview shows how black text looks on a background with the XYZ color 61.3266, 72.7695, 87.1576.

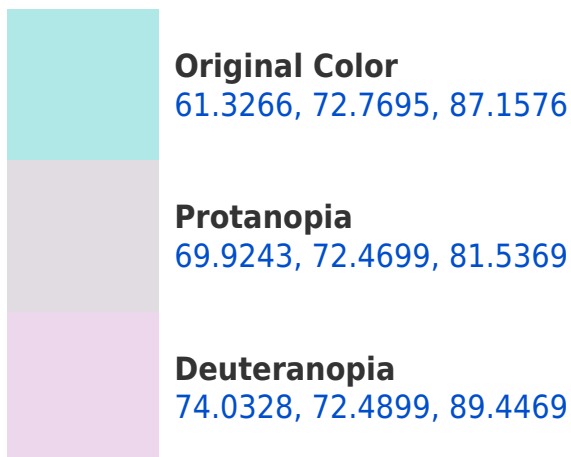


This preview shows how white text looks on a background with the XYZ color 61.3266, 72.7695,

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





Tritanopia

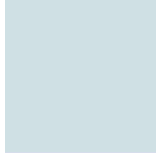
63.8305, 72.9546, 99.5244

Trichromacy



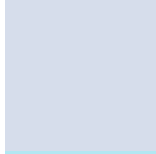
Original Color

61.3266, 72.7695, 87.1576



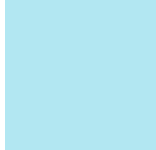
Protanomaly

66.3914, 72.1781, 83.8314



Deuteranomaly

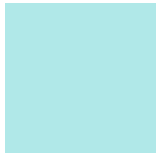
68.5834, 72.0072, 88.8813



Tritanomaly

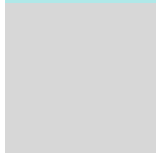
62.9630, 73.0276, 94.7816

Monochromacy



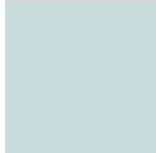
Original Color

61.3266, 72.7695, 87.1576



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.9950, 69.3509, 78.4725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3266, 72.7695, 87.1576 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(176, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 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(176, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.3266, 72.7695, 87.1576 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(176, 232, 232) }
```


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

```
.border{ border-color:rgb(176, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 232,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3266, 72.7695, 87.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 232) }
```

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

```
.background{ background-color: rgb(176,  
232, 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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