

Converting Colors

XYZ(59.2760, 72.9038, 75.8525)

Have a look what the booklet for
XYZ(59.2760, 72.9038, 75.8525)
contains.

XYZ(59.2730, 72.8022, 75.8940)	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(59.2730, 72.8022,
75.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	AEEAD8
RGB	174, 234, 216
RGB Percent	68%, 92%, 85%
CMY	0.3176, 0.0823, 0.1529
CMYK	0.26, 0.00, 0.08, 0.08
HSL	162°, 59%, 80%
HSV	162°, 26%, 92%
XYZ	59.2730, 72.8022, 75.8940
YIQ	214.0080, -29.9820, -18.3180

Conversions

Conversions Part 2

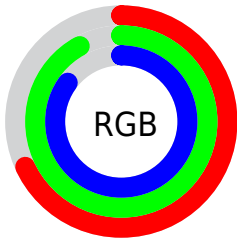
Format	Color
RYB	174, 209, 234
Decimal	11463384
CIELab	88.35, -22.62, 2.59
CIELCh	88, 22.768, 173.466
Yxy	72.8022, 0.2850, 0.3501
Android (android.graphics.Color)	4289653464 (0xFFAEEAD8)
YUV	214.0080, 0.9821, -35.0870
Hunter-Lab	85.3242, -25.3170, 6.9898

Details

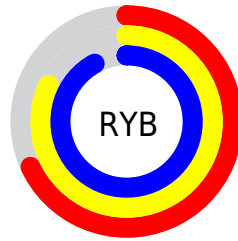
The XYZ color **59.2730, 72.8022, 75.8940** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5846, 51.5721, 56.7387**, and the grayscale version is **63.9316, 67.2610, 73.2472**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **30.0991, 38.4071, 39.5451** is the 20% darker color. If you saturate the color by 10%, you get **53.6191, 69.9921, 70.9930**, and if you desaturate by 10%, it is **65.8780, 76.1020, 81.0451**.

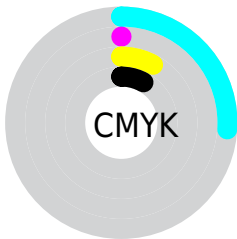
Distribution



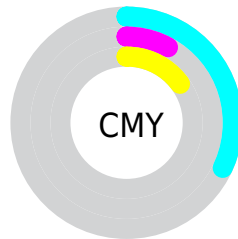
- Red (68%)
- Green (92%)
- Blue (85%)



- Red (68%)
- Yellow (82%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (32%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2730, 72.8022, 75.8940 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 59.2730, 72.8022, 75.8940 by changing the saturation by 10% instead.

■ 59.2730, 72.8022,
75.8940

■ 59.2730, 72.8022,
75.8940

411.7907,
470.3290, 500.3219

■ 43.0801, 53.8142,
55.8395

■ 102.8867,
123.1964, 129.3358

■ 30.1428, 38.4532,
39.6711

131.0382,
155.3714, 163.5601

■ 20.0956, 26.3346,
26.9704

163.9067,
192.7108, 203.3447

■ 12.5732, 17.0741,
17.3187

201.8575,
235.5992, 249.1083

■ 7.2103, 10.2874,
10.2976

245.2559,
284.4207, 301.2692

■ 3.6415, 5.5899,
5.4886


294.4674,

■ 1.5014, 2.5974,


339.5600, 360.2461


2.4730


349.8572,
401.4013, 426.4575


 0.3268, 0.9253,
0.8258


 0.0000, 0.0000,
0.0000


 59.2730, 72.8022,
75.8940


 59.2730, 72.8022,
75.8940


 53.6191, 69.9921,
70.9930


 65.8780, 76.1020,
81.0451


 48.8624, 67.6382,
66.3324

 73.4720, 79.9052,
86.4460

 44.9534, 65.7168,
61.9089

 82.0985, 84.2360,
92.1024

 41.8346, 64.1986,
57.7172

 87.0063, 86.6452,
97.7946

■ 39.4414, 63.0502,
53.7518

■ 88.0936, 87.0801,
103.5200

■ 37.6986, 62.2328,
50.0063

■ 88.7142, 87.3283,
106.7881

■ 36.5135, 61.6988,
46.4736

■ 36.1065, 61.5213,
44.9968

Harmonies

Analogous

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



61.0920, 72.8022, 62.6704



59.2730, 72.8022, 75.8940



59.9982, 72.8022, 91.8667

Triad

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



59.2730, 72.8022, 75.8940



73.4655, 72.8022, 110.2020



75.6419, 72.8022, 57.4643

Complementary

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



59.2730, 72.8022, 75.8940



58.5846, 51.5721, 56.7387

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.



79.2895, 72.8022, 67.8795



59.2730, 72.8022, 75.8940



77.9874, 72.8022, 98.5671

Square

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



59.2730, 72.8022, 75.8940



68.0075, 72.8022, 113.0836



80.1696, 72.8022, 82.7431



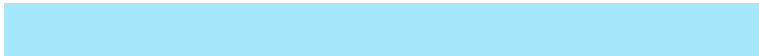
70.3989, 72.8022, 52.9726

Rectangle

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



59.2730, 72.8022, 75.8940



61.8467, 72.8022, 101.8258



80.1696, 72.8022, 82.7431



77.1062, 72.8022, 60.3170

Sweetspot

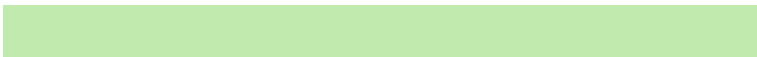
The Sweet Spot groups the original color and five complimentary colors.



59.2751, 72.8052, 75.8956



86.9691, 95.9462, 103.4596



59.0574, 73.2422, 51.0699



18.3090, 20.3831, 21.9304



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.



59.2751, 72.8052, 75.8956



68.1169, 86.5298, 88.9222



58.6968, 67.7173, 87.8226



15.3140, 17.0404, 18.3362



20.3471, 34.5933, 25.5909



1.6399, 2.7333, 2.2314

Inverse Universe

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



58.5846, 51.5721, 56.7387



67.1421, 56.4457, 61.7966



58.9229, 55.2482, 47.6038



15.2515, 15.1284, 16.6095



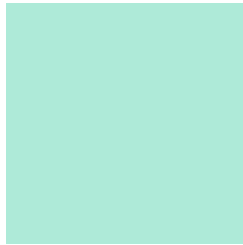
19.7412, 10.0992, 4.4386



1.5913, 0.8095, 0.5652

Previews

White Background



This preview shows how the XYZ color 59.2730, 72.8022, 75.8940 looks on a white background.

Color Contrast Check

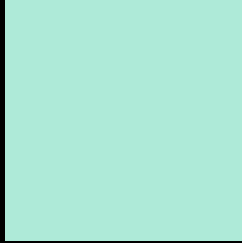
Large Text (above 18pt) WCAG AA × Fail

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 59.2730, 72.8022, 75.8940 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

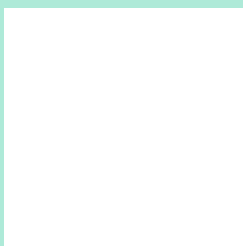
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2730, 72.8022, 75.8940

Background



This preview shows how black text looks on a background with the XYZ color 59.2730, 72.8022, 75.8940.



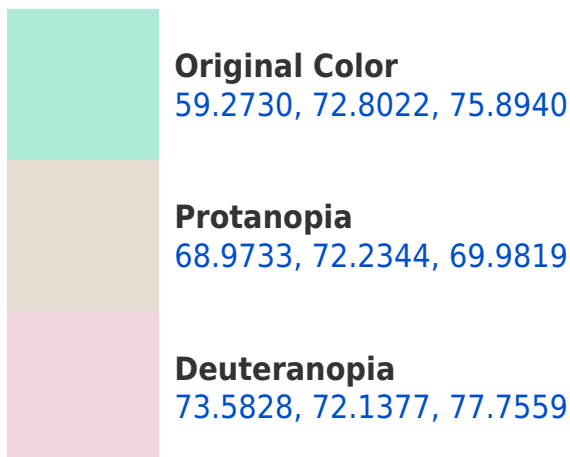
This preview shows how white text looks on a background with the XYZ color 59.2730, 72.8022,

75.8940.

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

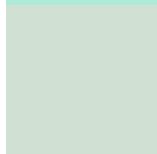
63.7850, 72.5192, 99.4427

Trichromacy



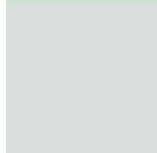
Original Color

59.2730, 72.8022, 75.8940



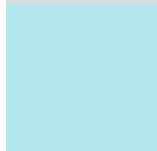
Protanomaly

64.6955, 71.9635, 72.1085



Deuteranomaly

67.2579, 71.5791, 77.2891



Tritanomaly

62.0763, 72.6729, 90.1124

Monochromacy



Original Color

59.2730, 72.8022, 75.8940



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.6754, 68.7613, 74.3116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2730, 72.8022, 75.8940 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(174, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(174, 234, 216)  
}
```

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(174, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 234, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.2730, 72.8022, 75.8940 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(174, 234, 216) }
```


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

```
.border{ border-color:rgb(174, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(174, 234,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2730, 72.8022, 75.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 234, 216) }
```

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

```
.background{ background-color: rgb(174,  
234, 216) }
```

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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