

Converting Colors

XYZ(53.6179, 65.2636, 78.7717)

Have a look what the booklet for
XYZ(53.6179, 65.2636, 78.7717)
contains.

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Color

**XYZ(53.6730, 65.3184,
78.8861)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDFDE
RGB	158, 223, 222
RGB Percent	62%, 87%, 87%
CMY	0.3804, 0.1255, 0.1294
CMYK	0.29, 0.00, 0.00, 0.13
HSL	179°, 50%, 75%
HSV	179°, 29%, 87%
XYZ	53.6730, 65.3184, 78.8861
YIQ	203.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

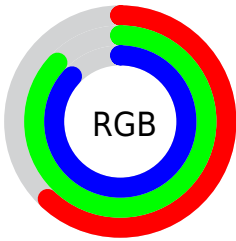
Format	Color
R _{YB}	158, 191, 223
Decimal	10411998
CIE Lab	84.65, -20.55, -6.10
CIE LCh	85, 21.433, 196.532
Yxy	65.3184, 0.2712, 0.3301
Android (android.graphics.Color)	4288602078 (0xFF9EDFDE)
YUV	203.4510, 9.1447, -39.8605
Hunter-Lab	80.8198, -22.8915, -1.2976

Details

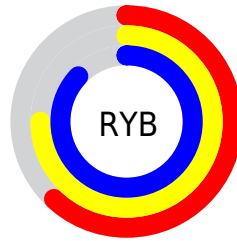
The XYZ color **53.6730, 65.3184, 78.8861** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9185, 42.6466, 38.4566**, and the grayscale version is **57.0113, 59.9804, 65.3186**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.6866, 33.7383, 41.6648** is the 20% darker color. If you saturate the color by 10%, you get **49.6328, 63.2426, 78.4580**, and if you desaturate by 10%, it is **58.5130, 67.8098, 79.3550**.

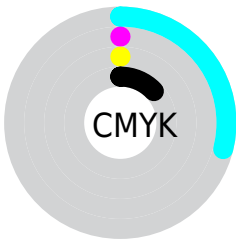
Distribution



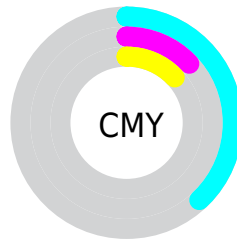
- Red (62%)
- Green (87%)
- Blue (87%)



- Red (62%)
- Yellow (75%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)





- Cyan (38%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6730, 65.3184, 78.8861 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 53.6730, 65.3184, 78.8861 by changing the saturation by 10% instead.


 53.6730, 65.3184,
78.8861


 53.6730, 65.3184,
78.8861


391.0806,
443.9353, 510.7784

 38.5699, 47.7193,
58.2814


 94.7537, 112.5075,
133.5957

 26.6045, 33.6047,
41.6187


 121.4619,
142.8663, 168.5377

 17.4115, 22.5900,
28.4795


152.7694,
178.2471, 209.0959

 10.6254, 14.2911,
18.4453

189.0412,
219.0343, 255.6888

 5.8810, 8.3234,
11.0974

230.6429,
265.6124, 308.7349

 2.8128, 4.3026,
6.0174

277.9398,

 1.0556, 1.8442,

318.3656, 368.6529

2.7867

331.2972,
377.6784, 435.8612

■ 0.0000, 0.5145,
0.9868

■ 0.0000, 0.0000,
0.0000

■ 53.6730, 65.3184,
78.8861

■ 53.6730, 65.3184,
78.8861

■ 49.6328, 63.2426,
78.4580

■ 58.5130, 67.8098,
79.3550

■ 46.3437, 61.5523,
78.0640

■ 64.1870, 70.7295,
79.8620

■ 43.7603, 60.2258,
77.7037

■ 70.7340, 74.0993,
80.4103

■ 41.8303, 59.2361,
77.3743

■ 78.1890, 77.9371,
81.0016

■ 40.4938, 58.5524,
77.0733

■ 81.0456, 79.4044,
81.3782

■ 39.6803, 58.1383,
76.7972

■ 81.0923, 79.4230,
81.6239

■ 39.2771, 57.9357,
76.5408

■ 81.1390, 79.4417,
81.8700

■ 39.2494, 57.9219,
76.5193

■ 81.1858, 79.4605,
82.1166

■ 81.2328, 79.4792,
82.3637

Harmonies

Analogous

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



53.5575, 65.3184, 65.1578



53.6730, 65.3184, 78.8861



55.9655, 65.3184, 92.0124

Triad

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



53.6730, 65.3184, 78.8861



69.0038, 65.3184, 90.8345



64.2511, 65.3184, 48.4473

Complementary

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



53.6730, 65.3184, 78.8861



48.9185, 42.6466, 38.4566

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.



68.6311, 65.3184, 53.6578



53.6730, 65.3184, 78.8861



71.4688, 65.3184, 77.4366

Square

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



53.6730, 65.3184, 78.8861



64.7385, 65.3184, 99.4940



71.3290, 65.3184, 63.8823



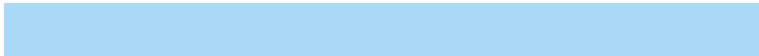
59.5014, 65.3184, 48.7302

Rectangle

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



53.6730, 65.3184, 78.8861



58.4903, 65.3184, 98.1362



71.3290, 65.3184, 63.8823



65.8202, 65.3184, 49.5826

Sweetspot

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



53.6749, 65.3210, 78.8876



87.0480, 95.8814, 108.2283



46.8757, 62.6261, 41.9663



18.3747, 20.3902, 23.1430



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.



53.6749, 65.3210, 78.8876



69.2626, 86.7316, 106.5402



46.1800, 50.1154, 77.0544



14.1070, 15.5685, 17.5986



23.0812, 34.0573, 45.0121



1.6028, 2.3619, 3.1356

Inverse Universe

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



48.9185, 42.6466, 38.4566



61.8176, 51.2363, 43.2522



54.8926, 54.7336, 40.0204



13.7158, 13.7039, 14.2735



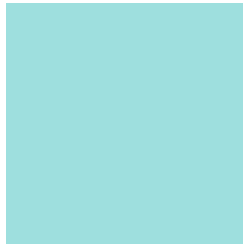
17.9081, 9.2302, 0.9157



1.2444, 0.6410, 0.0796

Previews

White Background



This preview shows how the XYZ color 53.6730, 65.3184, 78.8861 looks on a white background.

Color Contrast Check

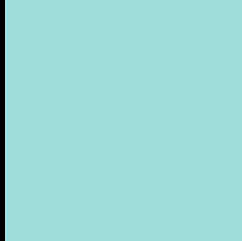
Large Text (above 18pt) WCAG AA × Fail

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 53.6730, 65.3184, 78.8861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

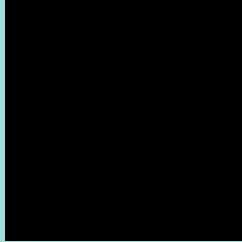
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6730, 65.3184, 78.8861

Background



This preview shows how black text looks on a background with the XYZ color 53.6730, 65.3184, 78.8861.

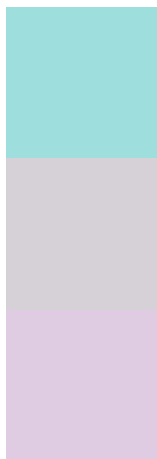


This preview shows how white text looks on a background with the XYZ color 53.6730, 65.3184,

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

53.6730, 65.3184, 78.8861

Protanopia

62.3786, 64.6021, 72.8001

Deuteranopia

66.0608, 64.5240, 80.9241



Tritanopia

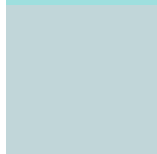
56.1894, 65.5673, 90.5832

Trichromacy



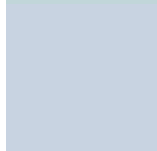
Original Color

53.6730, 65.3184, 78.8861



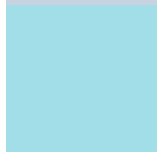
Protanomaly

58.5633, 64.4403, 74.9973



Deuteranomaly

60.7043, 64.3041, 80.4466



Tritanomaly

55.3847, 65.6458, 86.0958

Monochromacy



Original Color

53.6730, 65.3184, 78.8861



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

55.1730, 61.3111, 69.8991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6730, 65.3184, 78.8861 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(158, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(158, 223, 222)  
}
```

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(158, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 53.6730, 65.3184, 78.8861 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(158, 223, 222) }
```


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

```
.border{ border-color:rgb(158, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(158, 223,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6730, 65.3184, 78.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 223, 222) }
```

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

```
.background{ background-color: rgb(158,  
223, 222) }
```

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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