

Converting Colors

XYZ(53.0863, 60.9229, 73.3870)

Have a look what the booklet for
XYZ(53.0863, 60.9229, 73.3870)
contains.

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Color

**XYZ(53.0428, 60.8775,
73.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD4D7
RGB	173, 212, 215
RGB Percent	68%, 83%, 84%
CMY	0.3216, 0.1686, 0.1569
CMYK	0.20, 0.01, 0.00, 0.16
HSL	184°, 34%, 76%
HSV	184°, 20%, 84%
XYZ	53.0428, 60.8775, 73.2449
YIQ	200.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

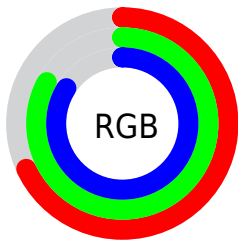
Format	Color
RYB	173, 193, 215
Decimal	11392215
CIELab	82.31, -12.11, -5.74
CIELCh	82, 13.398, 205.349
Yxy	60.8775, 0.2834, 0.3253
Android (android.graphics.Color)	4289582295 (0xFFADD4D7)
YUV	200.6810, 7.0593, -24.2762
Hunter-Lab	78.0240, -15.1930, -1.0415

Details

The XYZ color **53.0428, 60.8775, 73.2449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0930, 48.5150, 46.2077**, and the grayscale version is **55.2898, 58.1691, 63.3462**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **26.1479, 30.6451, 37.7947** is the 20% darker color. If you saturate the color by 10%, you get **48.2846, 57.8594, 72.9141**, and if you desaturate by 10%, it is **58.5732, 64.3022, 73.6154**.

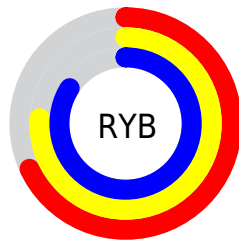
Distribution



Red (68%)

Green (83%)

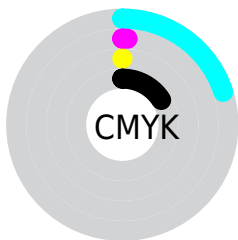
Blue (84%)



Red (68%)

Yellow (76%)

Blue (84%)

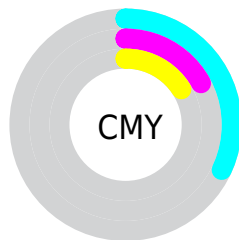


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0428, 60.8775, 73.2449 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 53.0428, 60.8775, 73.2449 by changing the saturation by 10% instead.

■ 53.0428, 60.8775,
73.2449

■ 53.0428, 60.8775,
73.2449

388.7075,
427.8247, 490.9567

■ 38.0646, 44.1263,
53.6832

■ 93.8325, 106.1015,
125.5490

■ 26.2102, 30.7698,
37.9570

120.3747,
135.3432, 159.1284

■ 17.1145, 20.4236,
25.6477

151.5022,
169.5171, 198.2175

■ 10.4120, 12.7034,
16.3369

187.5804,
209.0077, 243.2348

■ 5.7373, 7.2246,
9.6059

228.9747,
254.1994, 294.5988

■ 2.7251, 3.6030,
5.0363

276.0504,

■ 1.0101, 1.4540,

305.4765, 352.7281

2.2095

329.1729,
363.2235, 418.0412

■ 0.0000, 0.2560,
0.6798

■ 0.0000, 0.0000,
0.0000

■ 53.0428, 60.8775,
73.2449

■ 53.0428, 60.8775,
73.2449

■ 48.2846, 57.8594,
72.9141

■ 58.5732, 64.3022,
73.6154

■ 44.2568, 55.2217,
72.6173

■ 64.9046, 68.1437,
74.0232

■ 40.9217, 52.9465,
72.3539

■ 72.0708, 72.4210,
74.4711

■ 38.2359, 51.0113,
72.1219

■ 78.6141, 76.3827,
74.8909

■ 36.1513, 49.3915,
71.9191

■ 79.0142, 77.1828,
75.0243

■ 34.6131, 48.0586,
71.7429

■ 79.4179, 77.9904,
75.1589

■ 33.5562, 46.9792,
71.5903

■ 79.8254, 78.8053,
75.2947

■ 32.8702, 46.0963,
71.4560

■ 80.2366, 79.6277,
75.4318

■ 32.8412, 46.0569,
71.4500

■ 80.6515, 80.4575,
75.5701

Harmonies

Analogous

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



52.5626, 60.8775, 65.0189



53.0428, 60.8775, 73.2449



54.7975, 60.8775, 80.0743

Triad

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



53.0428, 60.8775, 73.2449



62.4955, 60.8775, 75.6297



58.3084, 60.8775, 51.8209

Complementary

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



53.0428, 60.8775, 73.2449



51.0930, 48.5150, 46.2077

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.



61.0391, 60.8775, 54.1777



53.0428, 60.8775, 73.2449



63.5066, 60.8775, 67.5679

Square

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



53.0428, 60.8775, 73.2449



60.2439, 60.8775, 81.5286



62.9651, 60.8775, 59.7810



55.5442, 60.8775, 53.0712

Rectangle

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



53.0428, 60.8775, 73.2449



56.4852, 60.8775, 82.6846



62.9651, 60.8775, 59.7810



59.2615, 60.8775, 52.2117

Sweetspot

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



53.0446, 60.8800, 73.2463



89.2961, 96.5181, 108.5312



49.3518, 60.6129, 50.0701



18.9847, 20.5807, 23.2218



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.



53.0446, 60.8800, 73.2463



75.3454, 87.8813, 107.5994



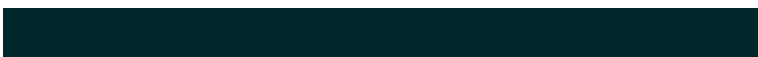
48.1749, 51.1406, 71.6230



12.7128, 13.9490, 15.9599



19.6757, 27.6132, 42.7460



1.2100, 1.7119, 2.5860

Inverse Universe

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



54.8530, 49.0890, 68.8743



78.4423, 67.8513, 100.0758



55.4891, 57.3071, 47.6731



12.9130, 12.6167, 15.4821



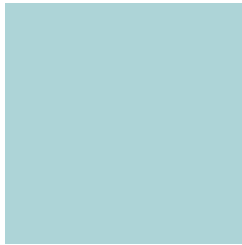
22.9903, 11.1324, 33.5824



1.3984, 0.6761, 2.0872

Previews

White Background



This preview shows how the XYZ color 53.0428, 60.8775, 73.2449 looks on a white background.

Color Contrast Check

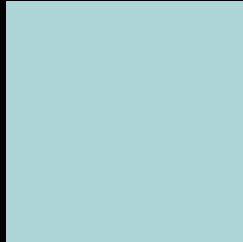
Large Text (above 18pt) WCAG AA × Fail

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 53.0428, 60.8775, 73.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

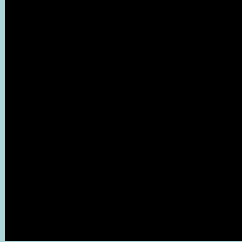
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0428, 60.8775, 73.2449

Background



This preview shows how black text looks on a background with the XYZ color 53.0428, 60.8775, 73.2449.



This preview shows how white text looks on a background with the XYZ color 53.0428, 60.8775,

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

53.0428, 60.8775, 73.2449

Protanopia

58.4424, 60.4868, 69.5676

Deuteranopia

61.7624, 60.3555, 74.7242



Tritanopia

54.5909, 60.7532, 81.5223

Trichromacy



Original Color

53.0428, 60.8775, 73.2449

Protanomaly

56.2031, 60.3654, 70.9768

Deuteranomaly

58.2374, 60.2782, 74.2111

Tritanomaly

54.0691, 60.9149, 78.7200

Monochromacy



Original Color

53.0428, 60.8775, 73.2449

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.4578, 59.1952, 66.9481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0428, 60.8775, 73.2449 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(173, 212, 215)` looks like.

```
.text, #text, p{  
    color:rgb(173, 212, 215)  
}
```

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(173, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 212, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.0428, 60.8775, 73.2449 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(173, 212, 215) }
```


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

```
.border{ border-color:rgb(173, 212, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 212, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(173, 212,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0428, 60.8775, 73.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 212, 215) }
```

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

```
.background{ background-color: rgb(173,  
212, 215) }
```

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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