

Converting Colors

XYZ(53.9569, 61.8301, 72.0470)

Have a look what the booklet for
XYZ(53.9569, 61.8301, 72.0470)
contains.

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Color

**XYZ(53.9360, 61.7397,
72.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D5D5
RGB	177, 213, 213
RGB Percent	69%, 84%, 84%
CMY	0.3059, 0.1647, 0.1647
CMYK	0.17, 0.00, 0.00, 0.16
HSL	180°, 30%, 76%
HSV	180°, 17%, 84%
XYZ	53.9360, 61.7397, 72.0250
YIQ	202.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

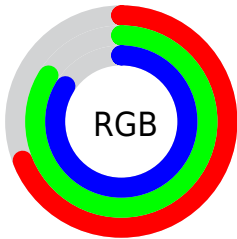
Format	Color
RYB	177, 195, 213
Decimal	11654613
CIELab	82.77, -11.80, -3.96
CIELCh	83, 12.448, 198.555
Yxy	61.7397, 0.2874, 0.3289
Android (android.graphics.Color)	4289844693 (0xFFB1D5D5)
YUV	202.2360, 5.3067, -22.1320
Hunter-Lab	78.5746, -14.9778, 0.6544

Details

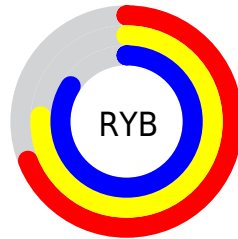
The XYZ color **53.9360, 61.7397, 72.0250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1008, 48.7666, 48.3173**, and the grayscale version is **56.2653, 59.1955, 64.4639**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.7106, 31.2074, 36.9636** is the 20% darker color. If you saturate the color by 10%, you get **49.4583, 59.4330, 71.8156**, and if you desaturate by 10%, it is **59.1746, 64.4419, 72.2726**.

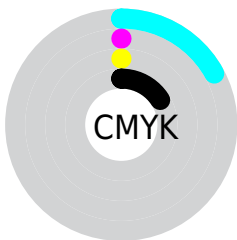
Distribution



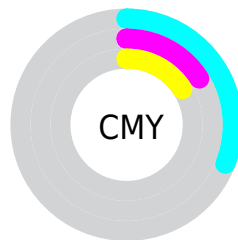
- Red (69%)
- Green (84%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9360, 61.7397, 72.0250 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 53.9360, 61.7397, 72.0250 by changing the saturation by 10% instead.

■ 53.9360, 61.7397,
72.0250

■ 53.9360, 61.7397,
72.0250

392.0682,
430.9810, 486.6085

■ 38.7810, 44.8224,
52.6921

■ 95.1377, 107.3492,
123.8001

■ 26.7693, 31.3176,
37.1710

121.9151,
136.8103, 157.0795

■ 17.5357, 20.8408,
25.0431

153.2973,
171.2213, 195.8447

■ 10.7149, 13.0077,
15.8899

189.6497,
210.9668, 240.5144

■ 5.9413, 7.4338,
9.2927

231.3376,
256.4311, 291.5071

■ 2.8497, 3.7349,
4.8332

278.7265,

■ 1.0748, 1.5264,

307.9987, 349.2413

2.0927

332.1816,
366.0538, 414.1356

■ 0.0039, 0.3072,
0.6114

■ 0.0000, 0.0000,
0.0000

■ 53.9360, 61.7397,
72.0250

■ 53.9360, 61.7397,
72.0250

■ 49.4583, 59.4330,
71.8156

■ 59.1746, 64.4419,
72.2726

■ 45.7010, 57.4961,
71.6387

■ 65.2015, 67.5488,
72.5558

■ 42.6282, 55.9120,
71.4937

■ 72.0492, 71.0789,
72.8774

■ 40.1987, 54.6596,
71.3789

■ 77.0466, 73.6552,
73.1124

38.3667, 53.7152,
71.2921

77.0468, 73.6553,
73.1135

37.0808, 53.0523,
71.2308

77.0471, 73.6554,
73.1146

36.2804, 52.6397,
71.1922

77.0473, 73.6555,
73.1158

35.8866, 52.4367,
71.1726

77.0475, 73.6555,
73.1169

35.8040, 52.3941,
71.1684

77.0477, 73.6556,
73.1180

Harmonies

Analogous

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



53.7800, 61.7397, 64.3412



53.9360, 61.7397, 72.0250



55.3402, 61.7397, 78.8907

Triad

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



53.9360, 61.7397, 72.0250



62.6253, 61.7397, 77.4611



59.7090, 61.7397, 53.7860

Complementary

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



53.9360, 61.7397, 72.0250



51.1008, 48.7666, 48.3173

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.



62.1551, 61.7397, 56.7683



53.9360, 61.7397, 72.0250



63.8727, 61.7397, 70.1918

Square

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



53.9360, 61.7397, 72.0250



60.3350, 61.7397, 82.1901



63.6980, 61.7397, 62.6413



57.0590, 61.7397, 54.1949

Rectangle

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



53.9360, 61.7397, 72.0250



56.8199, 61.7397, 81.8997



63.6980, 61.7397, 62.6413



60.5838, 61.7397, 54.4154

Sweetspot

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



53.9378, 61.7422, 72.0264



90.5137, 97.6614, 108.6869



50.0004, 60.1831, 50.5775



19.2425, 20.8359, 23.2573



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.



53.9378, 61.7422, 72.0264



78.7112, 91.5771, 108.1319



49.7934, 53.4529, 70.6467



12.7922, 14.1079, 15.9862



21.8697, 32.0032, 43.4710



1.3191, 1.9303, 2.6220

Inverse Universe

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



51.1008, 48.7666, 48.3173



73.7324, 68.8056, 66.5240



54.7596, 56.0846, 49.5355



12.4233, 12.4208, 12.9036



16.7620, 8.6411, 0.7848



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 53.9360, 61.7397, 72.0250 looks on a white background.

Color Contrast Check

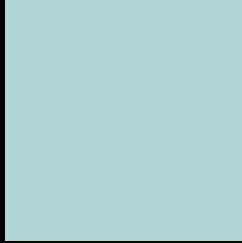
Large Text (above 18pt) WCAG AA × Fail

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 53.9360, 61.7397, 72.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

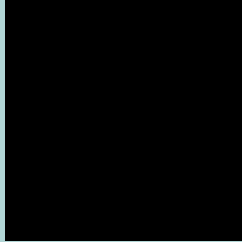
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9360, 61.7397, 72.0250

Background



This preview shows how black text looks on a background with the XYZ color 53.9360, 61.7397, 72.0250.

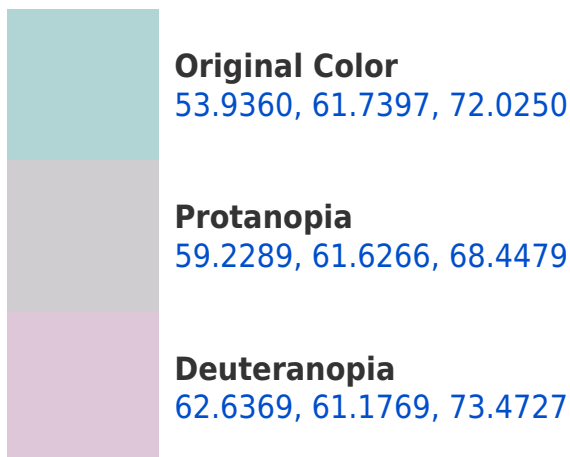


This preview shows how white text looks on a background with the XYZ color 53.9360, 61.7397,

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

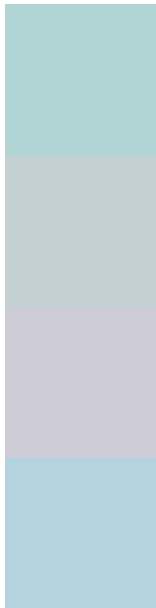




Tritanopia

56.1202, 61.8933, 82.3875

Trichromacy



Original Color

53.9360, 61.7397, 72.0250

Protanomaly

57.2147, 61.6352, 69.8540

Deuteranomaly

59.0354, 61.0712, 72.9664

Tritanomaly

55.4532, 61.9984, 78.8562

Monochromacy



Original Color

53.9360, 61.7397, 72.0250

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2042, 59.9363, 67.0518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9360, 61.7397, 72.0250 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(177, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 213)  
}
```

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(177, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 53.9360, 61.7397, 72.0250 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(177, 213, 213) }
```


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

```
.border{ border-color:rgb(177, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9360, 61.7397, 72.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 213) }
```

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

```
.background{ background-color: rgb(177,  
213, 213) }
```

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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