

Converting Colors

XYZ(53.5257, 60.3756, 72.4517)

Have a look what the booklet for
XYZ(53.5257, 60.3756, 72.4517)
contains.

XYZ(53.5443, 60.4132, 72.4572)	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(53.5443, 60.4132,
72.4572)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D2D6
RGB	178, 210, 214
RGB Percent	70%, 82%, 84%
CMY	0.3020, 0.1765, 0.1608
CMYK	0.17, 0.02, 0.00, 0.16
HSL	187°, 31%, 77%
HSV	187°, 17%, 84%
XYZ	53.5443, 60.4132, 72.4572
YIQ	200.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

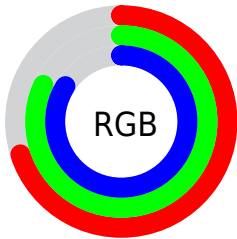
Format	Color
R _Y B	178, 195, 214
Decimal	11719382
CIE Lab	82.06, -9.73, -5.54
CIE LCh	82, 11.199, 209.634
Yxy	60.4132, 0.2872, 0.3241
Android (android.graphics.Color)	4289909462 (0xFFB2D2D6)
YUV	200.8880, 6.4642, -20.0728
Hunter-Lab	77.7259, -13.0542, -0.8628

Details

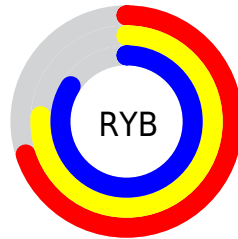
The XYZ color **53.5443, 60.4132, 72.4572** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4959, 50.9664, 49.1913**, and the grayscale version is **55.4197, 58.3058, 63.4950**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **26.6039, 30.6401, 37.3128** is the 20% darker color. If you saturate the color by 10%, you get **48.4302, 56.9139, 72.0523**, and if you desaturate by 10%, it is **59.4366, 64.3298, 72.9036**.

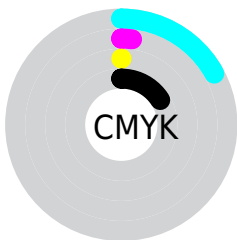
Distribution



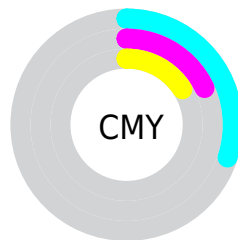
- Red (70%)
- Green (82%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5443, 60.4132, 72.4572 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 53.5443, 60.4132, 72.4572 by changing the saturation by 10% instead.

■ 53.5443, 60.4132,
72.4572

■ 53.5443, 60.4132,
72.4572

390.5967,
426.1191, 488.1516

■ 38.4667, 43.7518,
53.0431

■ 94.5656, 105.4288,
124.4201

■ 26.5239, 30.4754,
37.4492

121.2401,
134.5518, 157.8060

■ 17.3507, 20.1997,
25.2570

152.5108,
168.5975, 196.6862

■ 10.5817, 12.5403,
16.0479

188.7432,
207.9501, 241.4794

■ 5.8515, 7.1128,
9.4033

230.3027,
252.9943, 292.6039

■ 2.7948, 3.5327,
4.9048

277.5545,

■ 1.0462, 1.4158,

304.1142, 350.4785

2.1337

330.8640,
361.6944, 415.5215

■ 0.0000, 0.2283,
0.6357

■ 0.0000, 0.0000,
0.0000

■ 53.5443, 60.4132,
72.4572

■ 53.5443, 60.4132,
72.4572

■ 48.4302, 56.9139,
72.0523

■ 59.4366, 64.3298,
72.9036

■ 44.0537, 53.8061,
71.6831

■ 66.1350, 68.6733,
73.3889

■ 40.3781, 51.0725,
71.3492

■ 73.6724, 73.4624,
73.9161

■ 37.3619, 48.6916,
71.0486

■ 78.8423, 77.0441,
74.3349

■ 34.9588, 46.6395,
70.7791

■ 79.4686, 78.2966,
74.5437

■ 33.1166, 44.8892,
70.5384

■ 80.1037, 79.5669,
74.7554

■ 31.7744, 43.4092,
70.3235

■ 80.7478, 80.8551,
74.9701

■ 30.8527, 42.1585,
70.1306

■ 81.4008, 82.1612,
75.1878

■ 30.6033, 41.7861,
70.0719

■ 82.0629, 83.4853,
75.4084

Harmonies

Analogous

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



52.9766, 60.4132, 65.6963



53.5443, 60.4132, 72.4572



55.1443, 60.4132, 77.7152

Triad

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



53.5443, 60.4132, 72.4572



61.4498, 60.4132, 72.6115



57.4501, 60.4132, 53.5549

Complementary

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



53.5443, 60.4132, 72.4572



52.4959, 50.9664, 49.1913

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.



59.7593, 60.4132, 55.1335



53.5443, 60.4132, 72.4572



62.1071, 60.4132, 65.8632

Square

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



53.5443, 60.4132, 72.4572



59.7075, 60.4132, 77.8085



61.4803, 60.4132, 59.5256



55.1935, 60.4132, 55.0593

Rectangle

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



53.5443, 60.4132, 72.4572



56.6036, 60.4132, 79.4942



61.4803, 60.4132, 59.5256



58.2461, 60.4132, 53.7409

Sweetspot

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



53.5461, 60.4157, 72.4586



90.0639, 96.7616, 108.5377



50.8100, 60.9201, 53.1215



19.1327, 20.6164, 23.2209



0.0000, 0.0000, 0.0000



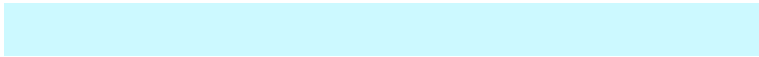
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.5461, 60.4157, 72.4586



76.9319, 88.0174, 107.5421



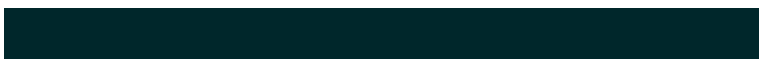
49.4364, 52.1964, 71.0887



12.6690, 13.8613, 15.9453



18.5451, 25.3521, 42.3692



1.1529, 1.5978, 2.5670

Inverse Universe

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



55.2862, 50.7914, 67.8654



79.9844, 71.3064, 99.4465



56.3303, 58.6351, 50.4694



12.8909, 12.6078, 15.3655



22.4196, 10.9042, 30.5773



1.3696, 0.6646, 1.9355

Previews

White Background



This preview shows how the XYZ color 53.5443, 60.4132, 72.4572 looks on a white background.

Color Contrast Check

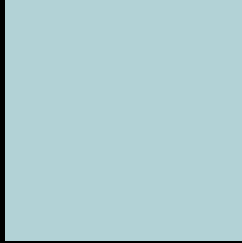
Large Text (above 18pt) WCAG AA × Fail

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 53.5443, 60.4132, 72.4572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

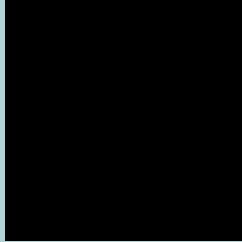
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5443, 60.4132, 72.4572

Background



This preview shows how black text looks on a background with the XYZ color 53.5443, 60.4132, 72.4572.

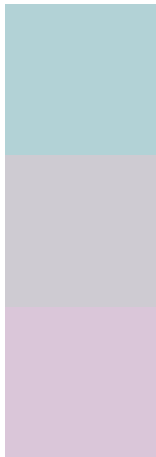


This preview shows how white text looks on a background with the XYZ color 53.5443, 60.4132,

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

53.5443, 60.4132, 72.4572

Protanopia

58.4424, 60.4868, 69.5676

Deuteranopia

61.6319, 60.3033, 74.0370



Tritanopia

54.9689, 60.2513, 79.9667

Trichromacy



Original Color

53.5443, 60.4132, 72.4572

Protanomaly

56.5941, 60.5815, 70.3386

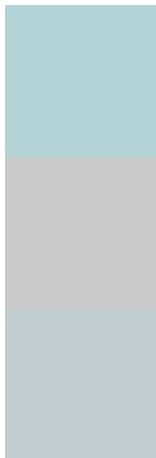
Deuteranomaly

58.1438, 59.8954, 73.4622

Tritanomaly

54.4420, 60.4051, 77.1966

Monochromacy



Original Color

53.5443, 60.4132, 72.4572

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7258, 58.9794, 66.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5443, 60.4132, 72.4572 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(178, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 214)  
}
```

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(178, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 214) }
```

Border

The CSS property to change the border of an element to XYZ 53.5443, 60.4132, 72.4572 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(178, 210, 214) }
```


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

```
.border{ border-color:rgb(178, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5443, 60.4132, 72.4572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 214) }
```

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

```
.background{ background-color: rgb(178,  
210, 214) }
```

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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