

Converting Colors

XYZ(51.5676, 62.0445, 73.1826)

Have a look what the booklet for
XYZ(51.5676, 62.0445, 73.1826)
contains.

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Color

**XYZ(51.4477, 61.9543,
72.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D9D6
RGB	160, 217, 214
RGB Percent	63%, 85%, 84%
CMY	0.3725, 0.1490, 0.1608
CMYK	0.26, 0.00, 0.01, 0.15
HSL	177°, 43%, 74%
HSV	177°, 26%, 85%
XYZ	51.4477, 61.9543, 72.8651
YIQ	199.6150, -33.0090, -13.0170

Conversions

Conversions Part 2

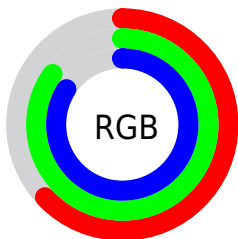
Format	Color
RYB	160, 189, 217
Decimal	10541526
CIELab	82.89, -18.76, -4.44
CIELCh	83, 19.278, 193.313
Yxy	61.9543, 0.2762, 0.3326
Android (android.graphics.Color)	4288731606 (0xFFA0D9D6)
YUV	199.6150, 7.0918, -34.7424
Hunter-Lab	78.7111, -21.0719, 0.2113

Details

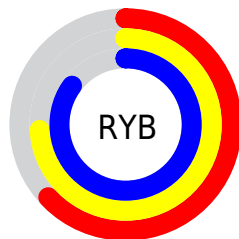
The XYZ color **51.4477, 61.9543, 72.8651** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7992, 42.5395, 40.3446**, and the grayscale version is **54.6368, 57.4822, 62.5981**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **25.2417, 31.4697, 37.5448** is the 20% darker color. If you saturate the color by 10%, you get **47.3375, 59.8538, 71.9146**, and if you desaturate by 10%, it is **56.3197, 64.4505, 73.8593**.

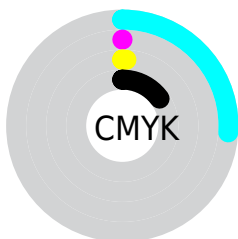
Distribution



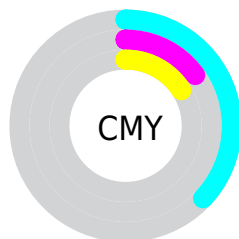
- Red (63%)
- Green (85%)
- Blue (84%)



- Red (63%)
- Yellow (74%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (37%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4477, 61.9543, 72.8651 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 51.4477, 61.9543, 72.8651 by changing the saturation by 10% instead.

■ 51.4477, 61.9543,
72.8651

■ 51.4477, 61.9543,
72.8651

382.6598,
431.7644, 489.6054

■ 36.7875, 44.9958,
53.3745

■ 91.4953, 107.6595,
125.0048

■ 25.2159, 31.4541,
37.7121

■ 117.6134,
137.1749, 158.4910

■ 16.3676, 20.9449,
25.4592

148.2815,
171.6448, 197.4796

■ 9.8771, 13.0837,
16.1974

183.8650,
211.4535, 242.3889

■ 5.3792, 7.4862,
9.5081

224.7292,
256.9854, 293.6376

■ 2.5085, 3.7680,
4.9727

271.2395,

■ 0.8995, 1.5446,

308.6249, 351.6442

2.1728

323.7612,
366.7564, 416.8273

■ 0.0000, 0.3198,
0.6586

■ 0.0000, 0.0000,
0.0000

■ 51.4477, 61.9543,
72.8651

■ 51.4477, 61.9543,
72.8651

■ 47.3375, 59.8538,
71.9146

■ 56.3197, 64.4505,
73.8593

■ 43.9445, 58.1213,
71.0017

■ 61.9845, 67.3538,
74.8946

■ 41.2273, 56.7372,
70.1257

■ 68.4783, 70.6843,
75.9740

■ 39.1387, 55.6769,
69.2844

■ 75.8329, 74.4585,
77.0991

■ 37.6249, 54.9129,
68.4754

■ 78.9347, 76.0401,
78.0306

■ 36.6235, 54.4128,
67.6956

■ 79.0864, 76.1008,
78.8295

■ 36.0559, 54.1363,
66.9415

■ 79.2391, 76.1619,
79.6338

■ 35.9027, 54.0633,
66.6641

■ 79.3929, 76.2234,
80.4435

■ 79.5477, 76.2853,
81.2588

Harmonies

Analogous

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



51.5591, 61.9543, 61.0981



51.4477, 61.9543, 72.8651



53.2613, 61.9543, 84.4036

Triad

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



51.4477, 61.9543, 72.8651



64.5384, 61.9543, 85.5149



61.2099, 61.9543, 47.8272

Complementary

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



51.4477, 61.9543, 72.8651



47.7992, 42.5395, 40.3446

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.



64.8927, 61.9543, 52.9468



51.4477, 61.9543, 72.8651



66.8755, 61.9543, 74.2440

Square

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



51.4477, 61.9543, 72.8651



60.7447, 61.9543, 92.2653



67.0081, 61.9543, 62.3247



57.0650, 61.9543, 47.5504

Rectangle

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



51.4477, 61.9543, 72.8651



55.3697, 61.9543, 90.0375



67.0081, 61.9543, 62.3247



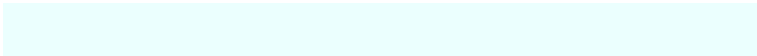
62.5475, 61.9543, 49.0088

Sweetspot

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



51.4495, 61.9568, 72.8665



87.7665, 96.2651, 107.6586



46.4286, 60.0376, 42.4005



18.5111, 20.4640, 22.9944



0.0000, 0.0000, 0.0000



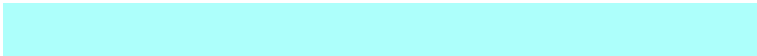
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4495, 61.9568, 72.8665



70.4478, 87.3961, 104.1766



45.9391, 50.3166, 72.9392



13.4137, 14.8171, 16.6415



21.7453, 32.7307, 40.4196



1.4180, 2.1242, 2.6674

Inverse Universe

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



47.7992, 42.5395, 40.3446



64.2660, 54.5030, 49.0938



52.2489, 51.8645, 40.5161



13.0837, 13.0626, 13.7021



17.3722, 8.9499, 1.0742



1.1355, 0.5838, 0.1223

Previews

White Background



This preview shows how the XYZ color 51.4477, 61.9543, 72.8651 looks on a white background.

Color Contrast Check

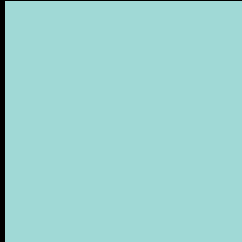
Large Text (above 18pt) WCAG AA × Fail

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 51.4477, 61.9543, 72.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

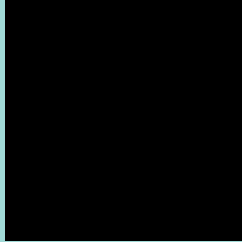
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4477, 61.9543, 72.8651

Background



This preview shows how black text looks on a background with the XYZ color 51.4477, 61.9543, 72.8651.



This preview shows how white text looks on a background with the XYZ color 51.4477, 61.9543,

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

51.4477, 61.9543, 72.8651

Protanopia

59.3883, 61.7229, 67.8151

Deuteranopia

62.8244, 61.5862, 74.9058



Tritanopia

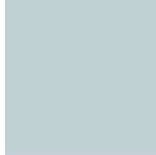
53.7802, 61.7552, 84.6867

Trichromacy



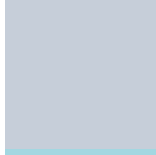
Original Color

51.4477, 61.9543, 72.8651



Protanomaly

55.9192, 61.3304, 69.8635



Deuteranomaly

57.8844, 61.1581, 74.3995



Tritanomaly

52.9953, 61.8237, 80.3742

Monochromacy



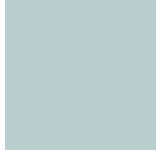
Original Color

51.4477, 61.9543, 72.8651



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

53.0983, 58.8647, 66.3210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4477, 61.9543, 72.8651 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(160, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(160, 217, 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(160, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 217, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.4477, 61.9543, 72.8651 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(160, 217, 214) }
```


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

```
.border{ border-color:rgb(160, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(160, 217,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4477, 61.9543, 72.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 217, 214) }
```

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

```
.background{ background-color: rgb(160,  
217, 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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