

Converting Colors

XYZ(51.4366, 62.2727, 75.6385)

Have a look what the booklet for
XYZ(51.4366, 62.2727, 75.6385)
contains.

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Color

**XYZ(51.4366, 62.2727,
75.6385)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDADA
RGB	156, 218, 218
RGB Percent	61%, 85%, 85%
CMY	0.3882, 0.1451, 0.1451
CMYK	0.28, 0.00, 0.00, 0.15
HSL	180°, 46%, 73%
HSV	180°, 28%, 85%
XYZ	51.4366, 62.2727, 75.6385
YIQ	199.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

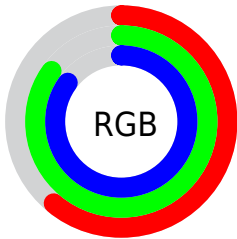
Format	Color
RYB	156, 187, 218
Decimal	10279642
CIELab	83.06, -19.52, -6.34
CIELCh	83, 20.522, 197.993
Yxy	62.2727, 0.2717, 0.3289
Android (android.graphics.Color)	4288469722 (0xFF9CDADA)
YUV	199.4620, 9.1392, -38.1162
Hunter-Lab	78.9131, -21.7491, -1.5906

Details

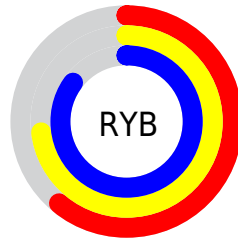
The XYZ color **51.4366, 62.2727, 75.6385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8049, 41.0844, 36.9181**, and the grayscale version is **54.5325, 57.3724, 62.4786**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **25.1875, 31.6635, 39.4345** is the 20% darker color. If you saturate the color by 10%, you get **47.5913, 60.2919, 75.4592**, and if you desaturate by 10%, it is **56.0427, 64.6488, 75.8560**.

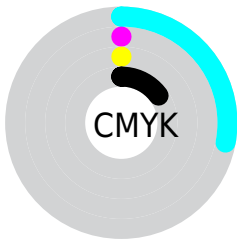
Distribution



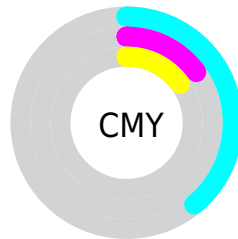
- Red (61%)
- Green (85%)
- Blue (85%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (39%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4366, 62.2727, 75.6385 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 51.4366, 62.2727, 75.6385 by changing the saturation by 10% instead.


 51.4366, 62.2727,
75.6385


 51.4366, 62.2727,
75.6385


382.6175,
432.9251, 499.4232

 36.7786, 45.2531,
55.6313


 91.4790, 108.1196,
128.9712

 25.2090, 31.6568,
39.5053


 117.5941,
137.7156, 163.1337

 16.3624, 21.0995,
26.8422

148.2590,
172.2726, 202.8517

 9.8734, 13.1968,
17.2234

183.8390,
212.1748, 248.5437

 5.3768, 7.5642,
10.2302

224.6995,
257.8068, 300.6284

 2.5070, 3.8174,
5.4443

271.2059,

 0.8988, 1.5719,

309.5530, 359.5241

2.4470

323.7234,
367.7976, 425.6495

■ 0.0000, 0.3386,
0.8119

■ 0.0000, 0.0000,
0.0000

■ 51.4366, 62.2727,
75.6385

■ 51.4366, 62.2727,
75.6385

■ 47.5913, 60.2919,
75.4592

■ 56.0427, 64.6488,
75.8560

■ 44.4607, 58.6781,
75.3121

■ 61.4415, 67.4320,
76.1093

■ 42.0024, 57.4108,
75.1964

■ 67.6699, 70.6428,
76.4015

■ 40.1672, 56.4648,
75.1099

■ 74.7608, 74.2983,
76.7339

■ 38.8993, 55.8111,
75.0499

■ 78.9682, 76.4672,
76.9315

■ 38.1327, 55.4159,
75.0134

■ 78.9683, 76.4673,
76.9321

■ 37.7693, 55.2286,
74.9958

■ 78.9684, 76.4673,
76.9328

■ 37.7267, 55.2067,
74.9937

■ 78.9685, 76.4674,
76.9334

■ 78.9687, 76.4674,
76.9341

Harmonies

Analogous

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



51.2268, 62.2727, 62.8458



51.4366, 62.2727, 75.6385



53.6586, 62.2727, 87.6366

Triad

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



51.4366, 62.2727, 75.6385



65.7593, 62.2727, 85.5122



60.9815, 62.2727, 46.5966

Complementary

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



51.4366, 62.2727, 75.6385



46.8049, 41.0844, 36.9181

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.



65.0855, 62.2727, 51.2155



51.4366, 62.2727, 75.6385



67.9348, 62.2727, 73.0172

Square

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



51.4366, 62.2727, 75.6385



61.8640, 62.2727, 93.8092



67.6822, 62.2727, 60.5308



56.5909, 62.2727, 47.1130

Rectangle

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



51.4366, 62.2727, 75.6385



56.0476, 62.2727, 93.0842



67.6822, 62.2727, 60.5308



62.4443, 62.2727, 47.5738

Sweetspot

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



51.4384, 62.2752, 75.6399



87.1048, 95.9041, 108.5273



44.9852, 59.7171, 40.6093



18.3888, 20.3959, 23.2173



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.



51.4384, 62.2752, 75.6399



70.0218, 87.0976, 107.7256



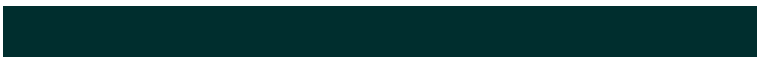
44.3574, 48.1126, 73.2813



13.4449, 14.8296, 16.8058



22.6013, 33.0731, 44.9272



1.4642, 2.1426, 2.9106

Inverse Universe

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



46.8049, 41.0844, 36.9181



62.3943, 52.2147, 43.9842



52.4683, 52.4117, 38.8049



13.0561, 13.0515, 13.5568



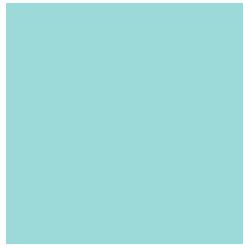
17.3222, 8.9299, 0.8109



1.1222, 0.5785, 0.0526

Previews

White Background



This preview shows how the XYZ color 51.4366, 62.2727, 75.6385 looks on a white background.

Color Contrast Check

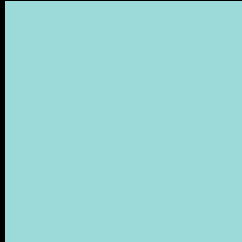
Large Text (above 18pt) WCAG AA × Fail

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 51.4366, 62.2727, 75.6385 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 51.4366, 62.2727, 75.6385

Background



This preview shows how black text looks on a background with the XYZ color 51.4366, 62.2727, 75.6385.



This preview shows how white text looks on a background with the XYZ color 51.4366, 62.2727,

75.6385.

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

51.4366, 62.2727, 75.6385

Protanopia

59.4766, 61.7257, 69.7523

Deuteranopia

63.0525, 61.6425, 77.6822



Tritanopia

53.5619, 62.3659, 86.3056

Trichromacy



Original Color

51.4366, 62.2727, 75.6385

Protanomaly

56.0431, 61.7161, 71.9094

Deuteranomaly

58.1289, 61.5819, 77.2294

Tritanomaly

52.9170, 62.4962, 82.6727

Monochromacy



Original Color

51.4366, 62.2727, 75.6385

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.7403, 58.6661, 66.9365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4366, 62.2727, 75.6385 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(156, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(156, 218, 218)  
}
```

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(156, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 51.4366, 62.2727, 75.6385 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(156, 218, 218) }
```


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

```
.border{ border-color:rgb(156, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(156, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4366, 62.2727, 75.6385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 218, 218) }
```

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

```
.background{ background-color: rgb(156,  
218, 218) }
```

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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