

Converting Colors

XYZ(51.5873, 62.5466, 91.5825)

Have a look what the booklet for
XYZ(51.5873, 62.5466, 91.5825)
contains.

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Color

**XYZ(51.5409, 62.3576,
91.7578)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8ADBFO |
| RGB | 138, 219, 240 |
| RGB Percent | 54%, 86%, 94% |
| CMY | 0.4588, 0.1412, 0.0588 |
| CMYK | 0.42, 0.09, 0.00, 0.06 |
| HSL | 192°, 77%, 74% |
| HSV | 192°, 42%, 94% |
| XYZ | 51.5409, 62.3576, 91.7578 |
| YIQ | 197.1750, -55.0170, -10.6410 |

Conversions

Conversions Part 2

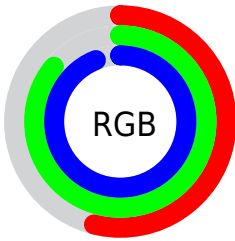
| Format | Color |
|-------------------------------------|---|
| RYB | 138, 183, 240 |
| Decimal | 9100272 |
| CIELab | 83.10, -19.44, -18.04 |
| CIElCh | 83, 26.521, 222.870 |
| Yxy | 62.3576, 0.2506, 0.3032 |
| Android (android.graphics.Color) | 4287290352 (0xFF8ADBf0) |
| YUV | 197.1750, 21.1127, -51.8965 |
| Hunter-Lab | 78.9668, -21.6867, -13.6170 |

Details

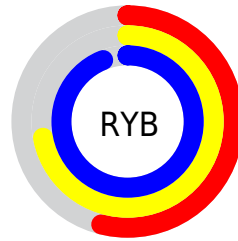
The XYZ color **51.5409, 62.3576, 91.7578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9219, 45.1575, 29.9733**, and the grayscale version is **53.0785, 55.8427, 60.8127**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.3205, 31.7609, 50.1433** is the 20% darker color. If you saturate the color by 10%, you get **46.7309, 57.9941, 91.1702**, and if you desaturate by 10%, it is **57.2703, 67.2547, 92.4022**.

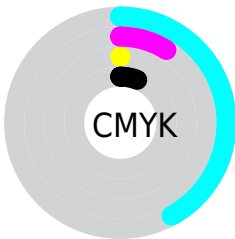
Distribution



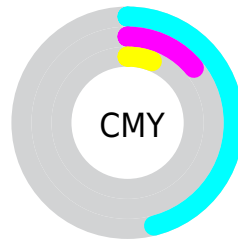
- Red (54%)
- Green (86%)
- Blue (94%)



- Red (54%)
- Yellow (72%)
- Blue (94%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (46%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5409, 62.3576, 91.7578 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 51.5409, 62.3576, 91.7578 by changing the saturation by 10% instead.

■ 51.5409, 62.3576,
91.7578

■ 51.5409, 62.3576,
91.7578

383.0148,
433.2343, 554.4494

■ 36.8621, 45.3217,
68.8576

■ 91.6321, 108.2422,
151.7344

■ 25.2739, 31.7109,
50.1247

■ 117.7751,
137.8597, 189.6479

■ 16.4110, 21.1408,
35.1406

148.4702,
172.4398, 233.4029

■ 9.9082, 13.2269,
23.4868

184.0828,
212.3671, 283.4180

■ 5.3999, 7.5850,
14.7447

224.9782,
258.0257, 340.1116

■ 2.5209, 3.8306,
8.4958

271.5217,

■ 0.9058, 1.5792,

309.8002, 403.9024

4.3215

324.0788,
368.0749, 475.2088

■ 0.0000, 0.3435,
1.8033

■ 0.0000, 0.0000,
0.4301

■ 51.5409, 62.3576,
91.7578

■ 51.5409, 62.3576,
91.7578

■ 46.7309, 57.9941,
91.1702

■ 57.2703, 67.2547,
92.4022

■ 42.7757, 54.1262,
90.6320

■ 63.9668, 72.7062,
93.1015

■ 39.6114, 50.7218,
90.1417

■ 71.6814, 78.7404,
93.8596

■ 37.1622, 47.7414,
89.6955

■ 80.4599, 85.3812,
94.6787

■ 35.3365, 45.1372,
89.2891

■ 89.2312, 92.0769,
95.5088

■ 34.2707, 43.3760,
89.0053

■ 90.7355, 95.0856,
96.0103

■ 92.2800, 98.1745,
96.5251

■ 92.7284, 99.0714,
96.6745

Harmonies

Analogous

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



49.1453, 62.3576, 75.1854



51.5409, 62.3576, 91.7578



56.0766, 62.3576, 102.8134

Triad

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



51.5409, 62.3576, 91.7578



70.4570, 62.3576, 77.6410



56.8439, 62.3576, 41.5038

Complementary

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



51.5409, 62.3576, 91.7578



52.9219, 45.1575, 29.9733

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.



62.5803, 62.3576, 41.9434



51.5409, 62.3576, 91.7578



70.6956, 62.3576, 61.0952

Square

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



51.5409, 62.3576, 91.7578



67.1013, 62.3576, 93.8038



67.7335, 62.3576, 48.5787



52.0713, 62.3576, 47.2616

Rectangle

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



51.5409, 62.3576, 91.7578



59.8236, 62.3576, 104.6210



67.7335, 62.3576, 48.5787



58.7179, 62.3576, 40.9626

Sweetspot

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



51.5428, 62.3600, 91.7593



81.7497, 89.9687, 107.6648



47.8488, 70.2072, 43.5597



17.0592, 18.9179, 23.0024



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.



51.5428, 62.3600, 91.7593



54.3061, 67.1882, 104.7141



40.3246, 39.9236, 88.0199



15.9550, 17.3441, 20.2284



18.8584, 23.9411, 48.7550



1.6376, 2.1292, 4.0789

Inverse Universe

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



57.8114, 41.8184, 72.0452



62.6025, 41.5286, 78.2807



63.4227, 66.1592, 33.4736



16.3067, 15.9724, 19.1714



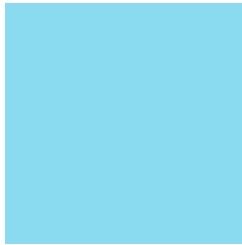
24.8445, 12.2102, 28.1613



2.1015, 1.0297, 2.5255

Previews

White Background



This preview shows how the XYZ color 51.5409, 62.3576, 91.7578 looks on a white background.

Color Contrast Check

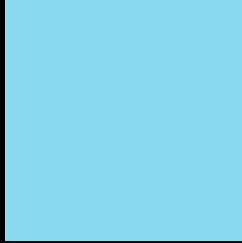
Large Text (above 18pt) WCAG AA × Fail

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 51.5409, 62.3576, 91.7578 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 51.5409, 62.3576, 91.7578

Background



This preview shows how black text looks on a background with the XYZ color 51.5409, 62.3576, 91.7578.



This preview shows how white text looks on a background with the XYZ color 51.5409, 62.3576,

91.7578.

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

51.5409, 62.3576, 91.7578

Protanopia

60.6122, 61.9887, 84.3717

Deuteranopia

63.2282, 61.7148, 94.1676



Tritanopia

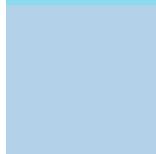
50.9341, 62.0958, 89.4219

Trichromacy



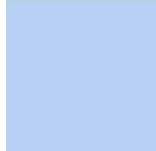
Original Color

51.5409, 62.3576, 91.7578



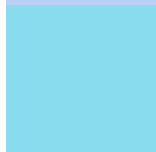
Protanomaly

56.4883, 61.6174, 86.7580



Deuteranomaly

58.2620, 61.6501, 93.6229



Tritanomaly

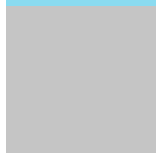
51.0807, 62.1544, 90.1937

Monochromacy



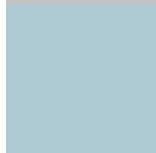
Original Color

51.5409, 62.3576, 91.7578



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

51.7461, 57.6968, 71.3601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5409, 62.3576, 91.7578 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(138, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 240)  
}
```

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(138, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 51.5409, 62.3576, 91.7578 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(138, 219, 240) }
```


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

```
.border{ border-color:rgb(138, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5409, 62.3576, 91.7578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 240) }
```

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

```
.background{ background-color: rgb(138,  
219, 240) }
```

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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